

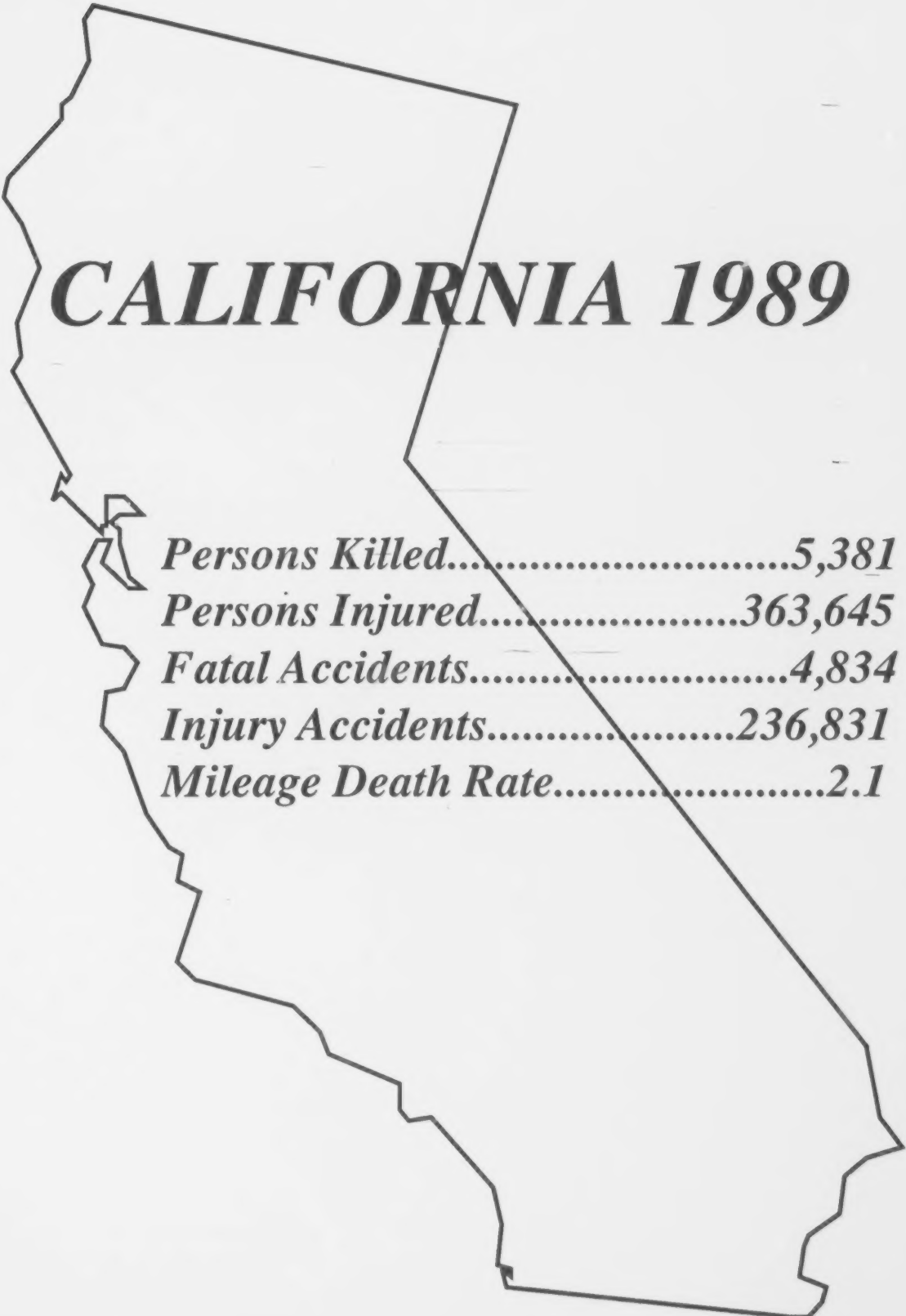
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1989 ANNUAL REPORT OF FATAL AND INJURY MOTOR VEHICLE TRAFFIC ACCIDENTS



CALIFORNIA HIGHWAY PATROL
Statewide Integrated Traffic Records Systems





CALIFORNIA 1989

<i>Persons Killed.....</i>	<i>5,381</i>
<i>Persons Injured.....</i>	<i>363,645</i>
<i>Fatal Accidents.....</i>	<i>4,834</i>
<i>Injury Accidents.....</i>	<i>236,831</i>
<i>Mileage Death Rate.....</i>	<i>2.1</i>

DEPARTMENT OF CALIFORNIA HIGHWAY PATROL

P.O. Box 942898

Sacramento, CA 94298-0001



Dear California Motorist:

You are looking at a compilation of statistics that describe in numerical terms the story of the motor vehicle traffic accidents that occurred in California in 1989. It is a disquieting story, because of the tremendous amount of human suffering and economic loss that are the real substance of this compilation.

But it is a heartening story as well, because it depicts the latest chapter in what is now a four-year decline in the State's mileage death rate.

A state's mileage death rate (MDR) is the number of traffic fatalities per one hundred million miles of travel. In 1986, California's MDR stood at 2.5. The following year, it dropped to 2.4, and last year it was down to 2.2.

In 1989, it descended to 2.1 - once again the lowest in the State's driving history.

The most important single explanation for this four-year decline in the MDR is an increase in safety belt use. At the beginning of 1986, when the State's safety belt law became effective, California's safety belt usage rate was around 25 percent. As of January 1, 1990, 70.3 percent of our vehicle occupants - passengers as well as drivers - were buckling up.

That's an increase of better than 45 percent. In human terms, it means that about 14 million more people are putting their safety belts on when they get into a vehicle now than put them on four years ago. The consequence of this has been a dramatic reduction in the fatality and serious injury rates because of traffic crashes.

If you are one of those currently buckling up, I urge you to continue doing so, however short the trip. If you are among those now traveling unprotected, I say to you: "Get smart; get it on." And I urge all of you to obey all the traffic laws and not to drink and drive. If we all drive sensibly, we can help keep California's MDR heading in the right direction: down.

Most cordially,

A handwritten signature in cursive script, appearing to read "M. J. Hannigan".
M. J. HANNIGAN
Commissioner

***1989 ANNUAL REPORT OF
FATAL AND INJURY
MOTOR VEHICLE
TRAFFIC ACCIDENTS***

State of California
GEORGE DEUKMEJIAN, GOVERNOR

Business, Transportation and Housing Agency
JOHN K. GEOGHEGAN, Secretary

Department of California Highway Patrol
M. J. HANNIGAN, Commissioner

Statewide Integrated Traffic Records System
(SWITRS)

PREFACE

The California Highway Patrol has prepared the 1989 Annual Report of Fatal and Injury Motor Vehicle Traffic Accidents. This report was completed as a result of motor vehicle traffic accident reports received from local police and sheriff jurisdictions and from California Highway Patrol field offices.

The Statewide Integrated Traffic Records System (SWITRS) processes all fatal and injury accidents which occurred on California's state highways and all other roadways, excluding private property.

Property Damage Only (PDO) accidents are found in Sections 1 and 8 of this publication. PDO's are indicators of the volume of traffic accidents and are not exact statistics. This is because not all agencies report all their PDO accidents.

This report is prepared in accordance with section 2408 of the California Vehicle Code. The cooperation of all traffic law enforcement agencies is greatly appreciated.

- Copies of this report can be obtained from Business Services Section, California Highway Patrol, Post Office Box 942898, Sacramento, CA 94298-0001 by payment of \$ 6.25; tax is included.*

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1989 California Quick Accident Facts

During 1989, California had a total of 559,891 traffic accidents, 4,834 fatal, 236,831 injury and 318,226 property damage only.

A traffic accident was reported every 56 seconds.

One person was killed every 1 hour and 38 minutes as a result of a traffic accident.

One person was injured every 1 minute and 27 seconds as a result of a traffic accident.

Children under the age of 15 accounted for 34.0% of pedestrian victims and 35.8% of bicycle victims (victims killed and injured).

For each person killed there were 68 persons injured. Speed was indicated as the Primary Collision Factor in 22.4% of the fatal and injury accidents.

In the last five years, 1,777,760 persons have been killed and injured in California traffic accidents. This is an average of 355,552 per year. During the previous five-year period, 1,480,064 persons were killed and injured for an average of 296,013 per year.

Of the licensed drivers in California, 28.8% were under 30 years of age; however, drivers under 30 years of age comprise 43.9% of all drivers in fatal and injury accidents.

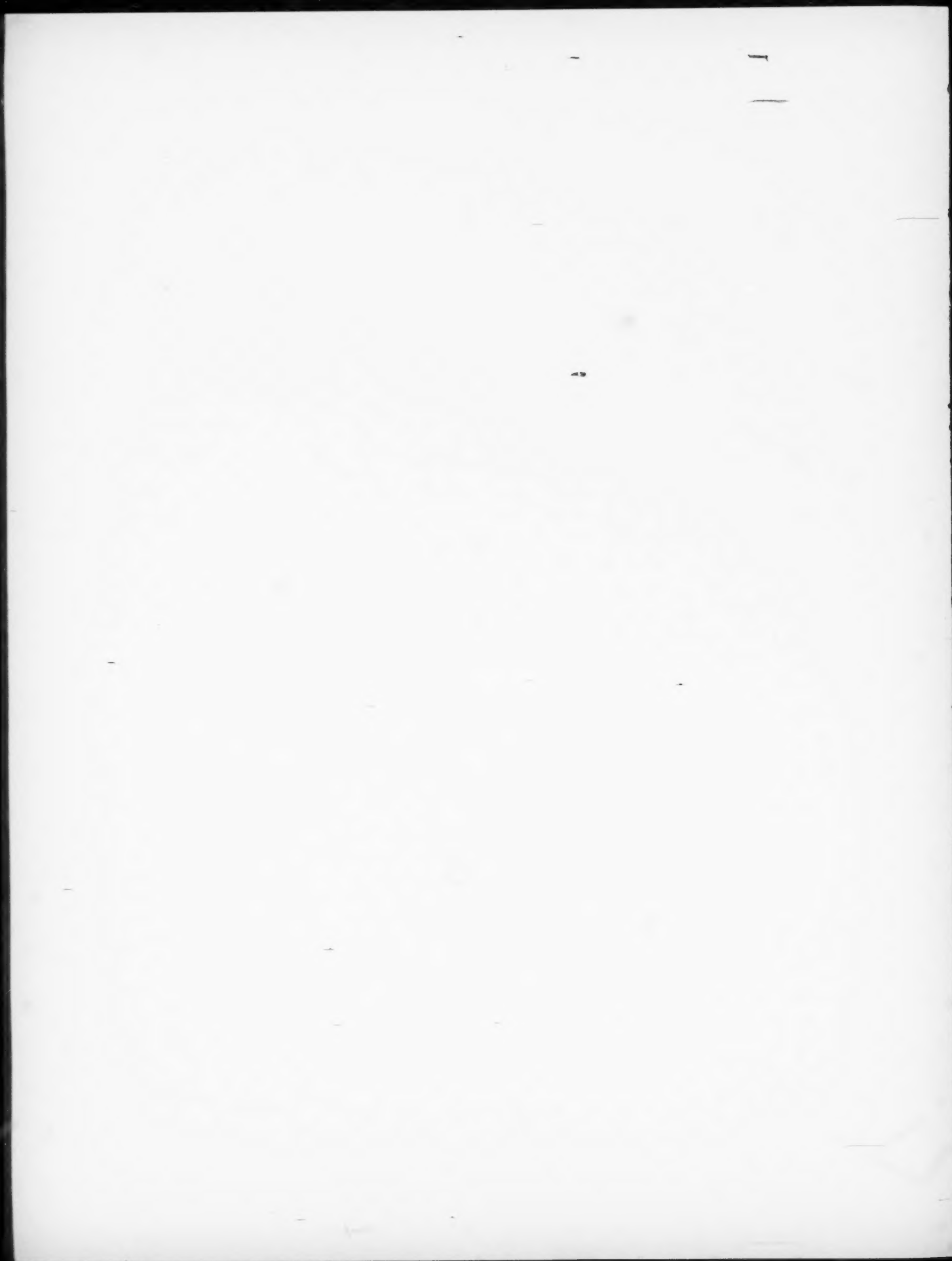
One out of every 5,401 persons living in California was killed in a traffic accident; one out of every 80 persons was injured; and one out of every 46 licensed drivers was involved in a fatal or injury traffic accident.

As a result of the 4,834 fatal accidents, 5,381 persons were killed for an average of 1.1 deaths per fatal accident.

There were 2.1 persons killed and 144.6 persons injured for every 100 million vehicle miles of travel. (These are more commonly known as the mileage death- and mileage injury rates.)

Hit-and-run was indicated in 11.3% of the fatal and injury accidents.

California has not had a day without a fatality since March 11, 1968.



Section 1
**TEN
YEAR
SUMMARIES
1980-1989**



1989 Annual Report

TABLE 1A FATAL ACCIDENTS BY MONTH 1980-1989

Month	Y E A R									
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
January	338	365	280	272	322	325	344	356	332	359
February	373	330	270	268	311	330	303	327	337	346
March	350	368	348	309	355	368	340	367	382	367
April	359	372	339	333	349	369	314	399	397	386
May	438	354	333	361	383	370	390	421	388	410
June	469	423	362	336	392	410	407	403	354	362
July	439	472	360	374	429	390	408	428	441	477
August	516	466	372	403	413	412	471	501	455	459
September	423	397	399	400	435	355	443	469	443	454
October	419	401	392	355	397	393	458	434	458	422
November	411	358	328	327	345	344	399	404	416	398
December	391	360	330	349	366	356	370	411	456	394
TOTAL	4,926	4,666	4,113	4,087	4,497	4,422	4,647	4,920	4,859	4,834

FIGURE 1 FATAL ACCIDENTS BY YEAR 1980-1989

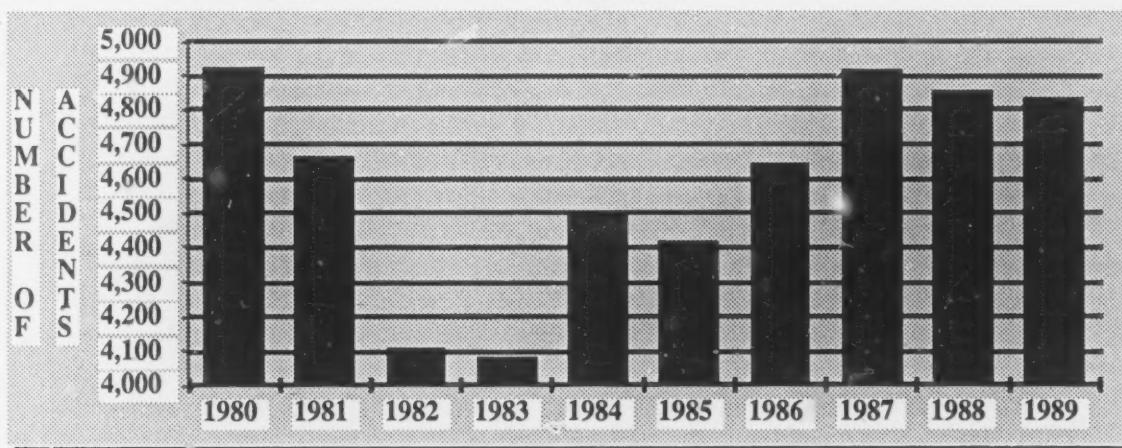


TABLE 1B PERSONS KILLED IN ACCIDENTS BY MONTH 1980-1989

Month	Y E A R									
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
January	369	411	308	302	355	370	385	398	359	392
February	406	365	296	296	344	354	327	368	365	387
March	398	401	388	345	393	410	378	396	419	421
April	387	404	380	381	389	414	345	455	439	422
May	482	385	378	430	425	411	447	474	425	450
June	517	466	408	381	440	463	448	449	397	411
July	498	523	405	413	487	428	455	484	494	537
August	594	536	425	463	451	461	534	559	512	510
September	464	435	447	441	479	407	499	527	486	513
October	465	446	433	380	438	446	522	477	510	466
November	474	403	379	362	373	383	444	457	468	445
December	435	395	362	377	425	386	428	456	507	427
TOTAL	5,489	5,170	4,609	4,571	4,999	4,933	5,222	5,500	5,381	5,381

TABLE 1C INJURY ACCIDENTS BY MONTH 1980-1989

MONTH	Y E A R									
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
January	15,777	15,626	14,360	15,027	14,780	15,725	17,010	18,090	17,551	17,583
February	15,456	14,588	13,354	14,495	14,839	16,030	16,703	17,997	17,733	17,257
March	16,437	16,153	16,526	16,281	17,107	18,635	19,014	19,479	19,298	20,835
April	16,004	15,706	15,023	15,989	16,582	17,734	18,758	19,410	19,723	19,479
May	16,325	16,667	15,591	15,993	17,937	18,330	19,658	20,512	19,649	20,138
June	16,691	16,934	15,385	15,919	17,470	18,673	19,746	20,361	19,477	19,389
July	16,893	16,684	16,004	16,603	17,731	17,992	20,584	20,972	20,226	20,386
August	17,581	17,194	15,653	17,155	18,320	19,097	20,962	20,564	20,322	20,301
September	16,895	16,367	15,701	17,196	18,411	18,143	20,296	19,762	20,033	20,591
October	17,579	16,924	16,516	17,275	18,792	18,940	20,679	21,862	20,315	21,056
November	16,077	16,041	15,444	16,858	18,238	18,855	19,639	19,803	19,976	20,142
December	16,457	15,897	15,415	17,603	18,212	18,016	19,955	20,378	21,188	19,674
TOTAL	198,172	194,781	184,972	196,394	208,419	216,170	233,004	239,190	235,491	236,831

FIGURE 2 INJURY ACCIDENTS BY YEAR 1980-1989

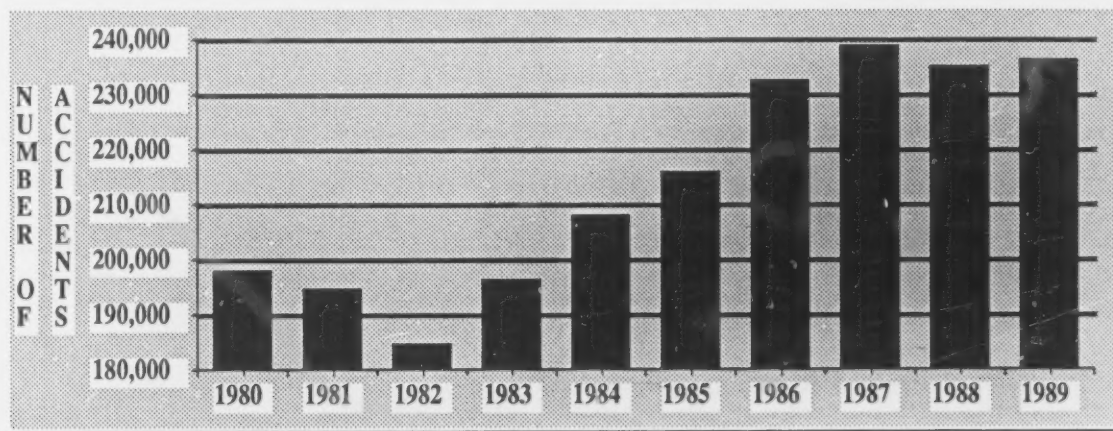


TABLE 1D PERSONS INJURED IN ACCIDENTS BY MONTH 1980-1989

MONTH	Y E A R									
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
January	22,924	23,023	21,111	22,171	21,920	23,147	25,019	27,163	26,346	26,839
February	22,586	21,539	19,470	21,754	22,013	23,748	24,690	26,924	26,404	26,290
March	23,972	23,702	24,400	24,342	24,897	27,868	28,130	29,185	28,619	32,011
April	23,436	23,060	22,395	23,741	24,549	26,470	27,592	29,208	29,813	29,575
May	23,889	24,744	23,097	23,644	26,391	27,286	29,269	31,080	29,842	30,714
June	24,889	24,996	22,762	23,728	26,106	28,049	29,294	30,534	29,600	29,777
July	25,256	24,613	24,127	24,869	26,560	27,188	31,002	31,635	30,948	31,832
August	26,587	25,625	23,267	25,558	27,253	28,591	31,848	31,318	31,260	31,509
September	24,845	23,975	23,230	25,476	27,253	26,971	30,179	29,618	30,354	31,743
October	25,711	24,711	24,291	25,463	27,490	28,103	30,769	32,902	30,693	32,226
November	23,691	23,858	22,898	25,071	27,364	28,251	29,512	30,067	30,484	30,816
December	24,153	23,478	23,025	26,721	27,556	27,031	30,047	31,065	32,582	30,313
TOTAL	291,939	287,324	274,073	292,538	309,352	322,703	347,351	360,699	356,945	363,645

TABLE 1E POPULATION, MOTOR VEHICLE REGISTRATION, MOTORCYCLE REGISTRATION, LICENSED DRIVERS, LICENSED MOTORCYCLE DRIVERS, MOTOR VEHICLE MILES OF TRAVEL, AND MILEAGE DEATH RATE 1980 - 1989

YEAR	POPULATION	MOTOR VEHICLE REGISTRATION	MOTORCYCLE REGISTRATION ^{1/}	LICENSED DRIVERS	LICENSED MOTORCYCLE DRIVERS ^{2/}	MOTOR VEHICLE MILES OF TRAVEL ^{3/}	MILEAGE DEATH RATE*
1980	23,616,000	17,334,976	737,774	15,669,000	798,141	160,474,100,000	3.4
1981	24,196,000	17,217,477	731,310	16,046,300	780,129	160,800,000,000	3.2
1982	24,724,000	17,482,588	678,174	16,307,500	765,845	170,000,000,000	2.7
1983	25,174,000	18,206,318	695,813	16,656,300	736,624	182,653,000,000	2.5
1984	25,622,000	18,504,004	695,251	16,954,900	735,174	195,990,000,000	2.6
1985	26,365,100	19,645,982	702,782	17,452,900	748,906	203,782,000,000	2.4
1986	26,980,800	20,458,130	699,239	18,026,000	778,083	213,117,000,000	2.5
1987	27,662,900	20,605,925	674,742	18,571,800	825,416	226,271,000,000	2.4
1988	28,314,500	21,656,938	654,365	18,934,100	822,416	239,043,000,000	2.3
1989	29,063,200	21,999,869	631,586	19,577,100	847,369	251,481,000,000	2.1

* Number of persons killed per 100 million miles of travel.

^{1/} Motorcycle Registration is also included in Motor Vehicle Registration.

^{2/} Licensed Motorcycle Drivers are included in Licensed Drivers.

^{3/} The 1988 figure has been updated from the previously published number and the 1989 mileage is an estimate and is subject to change in future publications. Source: California Department of Transportation.

TABLE 1F PROPERTY DAMAGE ONLY ACCIDENTS BY MONTH 1980 - 1989

MONTH	Y E A R									
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
January	25,518	24,520	22,346	22,230	20,574	23,377	26,518	26,999	26,003	25,439
February	24,230	21,422	19,337	21,452	20,520	22,931	25,426	26,277	24,765	25,108
March	24,489	24,140	24,781	24,137	22,281	26,243	28,117	28,032	26,533	28,817
April	22,780	21,991	21,438	22,273	21,569	23,649	26,149	25,883	27,202	25,548
May	23,045	22,132	21,082	20,490	22,462	24,364	27,167	26,442	26,312	25,787
June	22,285	21,956	20,457	20,212	22,107	24,062	26,558	26,656	26,191	26,043
July	22,634	21,904	20,868	20,782	22,949	23,580	27,473	27,787	26,781	25,703
August	23,794	22,247	20,605	21,772	23,555	24,686	28,230	27,621	27,050	26,179
September	22,787	21,661	21,016	22,188	23,624	23,764	28,540	26,879	26,861	27,132
October	24,291	23,684	21,856	22,842	25,098	25,497	28,244	30,368	27,795	27,438
November	22,882	23,203	22,332	24,680	26,505	27,612	27,308	28,571	29,028	27,674
December	24,610	23,843	22,927	25,953	27,289	26,646	30,296	31,511	31,602	27,358
TOTAL	283,345	272,703	259,045	269,011	278,533	296,411	330,026	333,026	326,123	318,226

Section 2
TIME



1989 Annual Report

TABLE 2A PERSONS KILLED BY DATE OF ACCIDENT - 1989

JANUARY

392

SUN	MON	TUE	WED	THU	FRI	SAT
19 ¹	10 ²	12 ³	11 ⁴	12 ⁵	13 ⁶	12 ⁷
6 ⁸	14 ⁹	12 ¹⁰	8 ¹¹	6 ¹²	8 ¹³	14 ¹⁴
18 ¹⁵	19 ¹⁶	13 ¹⁷	8 ¹⁸	17 ¹⁹	14 ²⁰	17 ²¹
14 ²²	4 ²³	19 ²⁴	17 ²⁵	6 ²⁶	20 ²⁷	11 ²⁸
18 ²⁹	12 ³⁰	8 ³¹				

FEBRUARY

387

SUN	MON	TUE	WED	THU	FRI	SAT
			10 ¹	9 ²	11 ³	17 ⁴
20 ⁵	13 ⁶	6 ⁷	12 ⁸	17 ⁹	15 ¹⁰	17 ¹¹
18 ¹²	7 ¹³	11 ¹⁴	13 ¹⁵	5 ¹⁶	20 ¹⁷	16 ¹⁸
14 ¹⁹	16 ²⁰	11 ²¹	21 ²²	7 ²³	14 ²⁴	19 ²⁵
28 ²⁶	6 ²⁷	14 ²⁸				

MARCH

421

SUN	MON	TUE	WED	THU	FRI	SAT
			9 ¹	12 ²	21 ³	15 ⁴
15 ⁵	11 ⁶	14 ⁷	11 ⁸	5 ⁹	20 ¹⁰	13 ¹¹
22 ¹²	12 ¹³	6 ¹⁴	4 ¹⁵	14 ¹⁶	13 ¹⁷	27 ¹⁸
13 ¹⁹	10 ²⁰	14 ²¹	11 ²²	8 ²³	16 ²⁴	28 ²⁵
14 ²⁶	15 ²⁷	15 ²⁸	10 ²⁹	8 ³⁰	15 ³¹	

APRIL

422

SUN	MON	TUE	WED	THU	FRI	SAT
						12 ¹
16 ²	10 ³	20 ⁴	20 ⁵	14 ⁶	18 ⁷	24 ⁸
16 ⁹	9 ¹⁰	9 ¹¹	10 ¹²	14 ¹³	8 ¹⁴	14 ¹⁵
16 ¹⁶	16 ¹⁷	4 ¹⁸	12 ¹⁹	12 ²⁰	18 ²¹	16 ²²
16 ²³	11 ²⁴	10 ²⁵	10 ²⁶	18 ²⁷	15 ²⁸	21 ²⁹
13 ³⁰						

MAY

450

SUN	MON	TUE	WED	THU	FRI	SAT
	12 ¹	10 ²	14 ³	11 ⁴	14 ⁵	26 ⁶
20 ⁷	13 ⁸	6 ⁹	12 ¹⁰	10 ¹¹	18 ¹²	19 ¹³
9 ¹⁴	7 ¹⁵	14 ¹⁶	13 ¹⁷	12 ¹⁸	19 ¹⁹	21 ²⁰
22 ²¹	20 ²²	17 ²³	10 ²⁴	6 ²⁵	23 ²⁶	21 ²⁷
23 ²⁸	14 ²⁹	6 ³⁰	8 ³¹			

JUNE

411

SUN	MON	TUE	WED	THU	FRI	SAT
				8 ¹	10 ²	16 ³
25 ⁴	13 ⁵	3 ⁶	7 ⁷	10 ⁸	22 ⁹	25 ¹⁰
19 ¹¹	6 ¹²	12 ¹³	7 ¹⁴	10 ¹⁵	17 ¹⁶	21 ¹⁷
26 ¹⁸	11 ¹⁹	14 ²⁰	8 ²¹	18 ²²	14 ²³	17 ²⁴
14 ²⁵	14 ²⁶	11 ²⁷	9 ²⁸	16 ²⁹	8 ³⁰	

TABLE 2A (Continued) PERSONS KILLED BY DATE OF ACCIDENT - 1989

JULY

537

SUN	MON	TUE	WED	THU	FRI	SAT
						35 ¹
20 ²	13 ³	24 ⁴	13 ⁵	14 ⁶	18 ⁷	18 ⁸
23 ⁹	16 ¹⁰	15 ¹¹	12 ¹²	12 ¹³	16 ¹⁴	20 ¹⁵
26 ¹⁶	16 ¹⁷	18 ¹⁸	19 ¹⁹	14 ²⁰	17 ²¹	23 ²²
25 ²³	14 ²⁴	15 ²⁵	11 ²⁶	12 ²⁷	13 ²⁸	18 ²⁹
14 ³⁰	13 ³¹					

AUGUST

510

SUN	MON	TUE	WED	THU	FRI	SAT
		12 ¹	12 ²	19 ³	20 ⁴	19 ⁵
29 ⁶	13 ⁷	10 ⁸	21 ⁹	14 ¹⁰	22 ¹¹	31 ¹²
10 ¹³	11 ¹⁴	19 ¹⁵	19 ¹⁶	17 ¹⁷	23 ¹⁸	15 ¹⁹
20 ²⁰	11 ²¹	15 ²²	16 ²³	16 ²⁴	13 ²⁵	19 ²⁶
13 ²⁷	19 ²⁸	11 ²⁹	7 ³⁰	14 ³¹		

SEPTEMBER

513

SUN	MON	TUE	WED	THU	FRI	SAT
					18 ¹	30 ²
19 ³	17 ⁴	18 ⁵	10 ⁶	16 ⁷	21 ⁸	27 ⁹
14 ¹⁰	12 ¹¹	12 ¹²	17 ¹³	14 ¹⁴	21 ¹⁵	20 ¹⁶
19 ¹⁷	12 ¹⁸	6 ¹⁹	14 ²⁰	21 ²¹	25 ²²	19 ²³
27 ²⁴	11 ²⁵	11 ²⁶	7 ²⁷	18 ²⁸	12 ²⁹	25 ³⁰

OCTOBER

466

SUN	MON	TUE	WED	THU	FRI	SAT
19 ¹	8 ²	20 ³	15 ⁴	8 ⁵	24 ⁶	16 ⁷
14 ⁸	12 ⁹	11 ¹⁰	6 ¹¹	17 ¹²	18 ¹³	16 ¹⁴
24 ¹⁵	8 ¹⁶	19 ¹⁷	10 ¹⁸	15 ¹⁹	17 ²⁰	24 ²¹
12 ²²	18 ²³	12 ²⁴	11 ²⁵	9 ²⁶	14 ²⁷	17 ²⁸
26 ²⁹	7 ³⁰	19 ³¹				

NOVEMBER

445

SUN	MON	TUE	WED	THU	FRI	SAT
			14 ¹	9 ²	17 ³	22 ⁴
20 ⁵	10 ⁶	16 ⁷	12 ⁸	13 ⁹	15 ¹⁰	31 ¹¹
13 ¹²	8 ¹³	5 ¹⁴	14 ¹⁵	12 ¹⁶	17 ¹⁷	24 ¹⁸
18 ¹⁹	15 ²⁰	15 ²¹	9 ²²	26 ²³	14 ²⁴	16 ²⁵
18 ²⁶	12 ²⁷	6 ²⁸	7 ²⁹	17 ³⁰		

DECEMBER

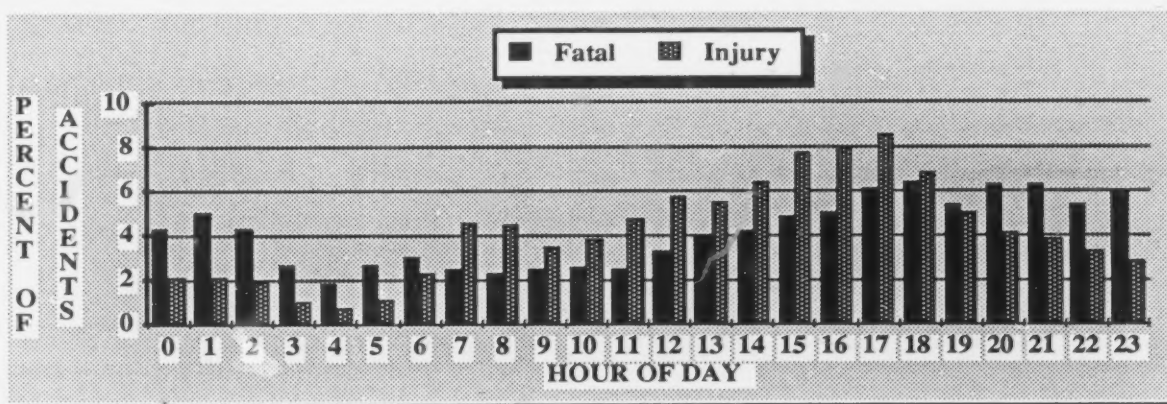
427

SUN	MON	TUE	WED	THU	FRI	SAT
					12 ¹	12 ²
18 ³	12 ⁴	13 ⁵	12 ⁶	9 ⁷	12 ⁸	18 ⁹
16 ¹⁰	9 ¹¹	10 ¹²	12 ¹³	13 ¹⁴	22 ¹⁵	21 ¹⁶
16 ¹⁷	10 ¹⁸	12 ¹⁹	16 ²⁰	13 ²¹	11 ²²	25 ²³
18 ²⁴	16 ²⁵	8 ²⁶	16 ²⁷	11 ²⁸	10 ²⁹	14 ³⁰
10 ³¹						

TABLE 2B FATAL ACCIDENTS BY DAY OF WEEK BY HOUR OF DAY - 1989

HOUR OF DAY	DAY OF WEEK							
	TOTAL	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Midnight - 12:59 A.M.	209	21	19	23	23	32	42	49
1:00 - 1:59	240	27	13	18	21	24	69	68
2:00 - 2:59	206	25	14	15	16	24	57	55
3:00 - 3:59	127	9	11	10	10	19	42	26
4:00 - 4:59	87	9	8	5	9	15	24	17
5:00 - 5:59	126	19	7	17	17	14	31	21
6:00 - 6:59	145	27	18	26	23	18	15	18
7:00 - 7:59	119	15	16	22	19	22	12	13
8:00 - 8:59	112	17	20	13	15	22	11	14
9:00 - 9:59	118	19	24	9	9	22	14	21
10:00 - 10:59	123	23	17	16	17	12	23	15
11:00 - 11:59	121	18	12	21	17	19	24	10
TOTAL A.M.	1,733	229	179	195	196	243	364	327

FIGURE 3 PERCENT OF FATAL AND INJURY ACCIDENTS BY HOUR OF DAY



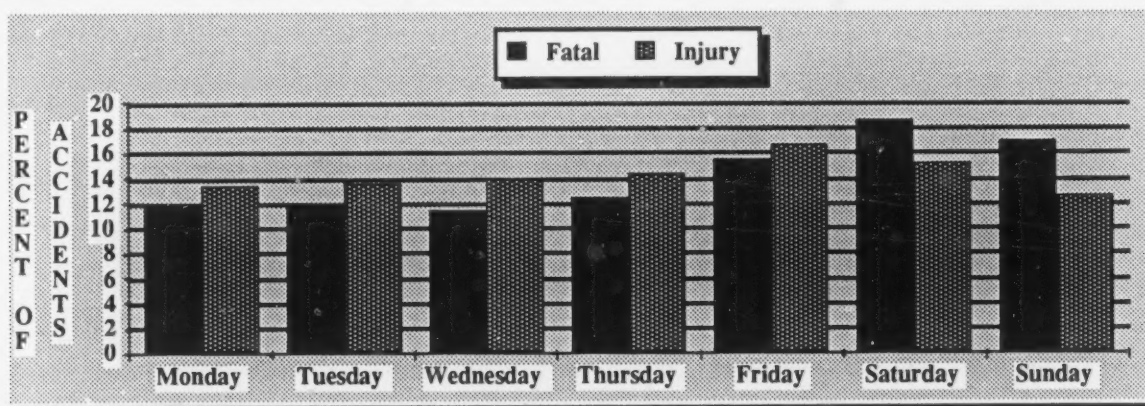
HOUR OF DAY	DAY OF WEEK							
	TOTAL	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Noon - 12:59 P.M.	159	22	20	22	26	25	25	19
1:00 - 1:59	188	22	24	25	31	27	32	27
2:00 - 2:59	204	26	23	30	29	34	37	25
3:00 - 3:59	233	22	32	30	31	41	33	44
4:00 - 4:59	241	29	38	30	32	32	44	36
5:00 - 5:59	295	40	42	36	29	41	50	57
6:00 - 6:59	308	30	45	34	50	45	55	49
7:00 - 7:59	261	22	44	23	38	43	52	39
8:00 - 8:59	303	32	34	43	31	55	49	59
9:00 - 9:59	302	40	38	31	38	54	47	54
10:00 - 10:59	261	24	30	26	37	51	56	37
11:00 - 11:59	284	29	28	29	34	61	56	47
TOTAL P.M.	3,039	338	398	359	406	509	536	493
Unknown	62	5	5	5	8	8	14	17
TOTAL	4,834	572	582	559	610	760	914	837

○ Hour and day of highest accidents.

TABLE 2C INJURY ACCIDENTS BY DAY OF WEEK BY HOUR OF DAY - 1989

HOUR OF DAY	DAY OF WEEK							
	TOTAL	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Midnight - 12:59 A.M.	5,060	565	392	496	467	668	1,250	1,222
1:00 - 1:59	4,919	473	341	402	454	521	1,349	1,379
2:00 - 2:59	4,576	408	283	339	396	482	1,290	1,378
3:00 - 3:59	2,325	216	183	185	210	230	634	667
4:00 - 4:59	1,755	194	154	183	166	192	425	441
5:00 - 5:59	2,630	369	350	370	360	386	427	368
6:00 - 6:59	5,385	888	871	929	904	896	533	364
7:00 - 7:59	10,824	1,677	2,014	2,118	2,026	1,793	708	488
8:00 - 8:59	10,491	1,597	1,905	1,835	1,896	1,737	953	568
9:00 - 9:59	8,109	1,110	1,198	1,188	1,288	1,249	1,210	866
10:00 - 10:59	9,146	1,289	1,347	1,187	1,286	1,424	1,535	1,078
11:00 - 11:59	11,126	1,562	1,473	1,547	1,581	1,765	1,840	1,358
TOTAL A.M.	76,346	10,348	10,511	10,779	11,034	11,343	12,154	10,177

FIGURE 4 PERCENT OF FATAL AND INJURY ACCIDENTS BY DAY OF WEEK



HOUR OF DAY	DAY OF WEEK							
	TOTAL	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Noon - 12:59 P.M.	13,544	1,917	1,923	1,841	1,875	2,117	2,244	1,627
1:00 - 1:59	12,960	1,726	1,704	1,721	1,887	2,096	2,101	1,725
2:00 - 2:59	15,065	2,109	2,082	2,146	2,141	2,517	2,199	1,871
3:00 - 3:59	18,357	2,736	2,851	2,725	2,700	3,236	2,255	1,854
4:00 - 4:59	18,884	2,836	2,731	2,769	2,779	3,355	2,359	2,055
5:00 - 5:59	20,166	2,978	3,055	3,054	3,074	3,466	2,354	2,185
6:00 - 6:59	16,155	2,198	2,227	2,300	2,385	2,749	2,236	2,060
7:00 - 7:59	11,758	1,413	1,477	1,545	1,623	2,104	1,841	1,755
8:00 - 8:59	9,719	1,123	1,200	1,218	1,306	1,748	1,623	1,501
9:00 - 9:59	8,973	1,025	1,020	1,099	1,327	1,676	1,550	1,276
10:00 - 10:59	7,804	802	868	903	1,076	1,628	1,490	1,037
11:00 - 11:59	6,717	634	654	712	764	1,609	1,503	841
TOTAL P.M.	160,102	21,497	21,792	22,033	22,937	28,301	23,755	19,787
Unknown	383	55	42	61	59	66	53	47
TOTAL	236,831	31,900	32,345	32,873	34,030	39,710	35,962	30,011

○ Hour and day of highest accidents.

TABLE 2D FATAL AND INJURY ACCIDENTS BY WEATHER BY MONTH OF COLLISION - 1989

MONTH	WEATHER															
	TOTAL		Clear		Cloudy		Raining		Snowing		Fog		Wind		Other/ Not Stated	
	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
January	359	17,583	280	13,605	52	2,188	11	1,034	-	72	13	600	1	15	2	69
February	346	17,257	235	11,269	82	3,576	20	2,063	1	123	7	123	1	20	-	83
March	367	20,835	262	14,373	70	3,775	33	2,478	-	57	2	69	-	7	-	76
April	386	19,479	333	16,493	48	2,439	1	363	3	30	1	59	-	5	-	90
May	410	20,138	352	17,342	54	2,397	2	238	-	4	1	65	1	18	-	74
June	362	19,389	308	16,831	47	2,233	3	170	-	2	3	57	-	7	1	88
July	477	20,386	458	19,748	19	530	-	10	-	-	-	31	-	4	-	63
August	459	20,301	419	19,041	38	1,044	-	85	-	1	2	49	-	1	-	80
September	454	20,591	392	17,489	41	2,012	12	879	-	3	6	122	-	3	3	83
October	422	21,056	340	17,121	61	2,830	11	783	-	14	9	218	-	12	1	78
November	398	20,142	350	17,692	29	1,495	7	481	2	32	8	348	-	12	2	82
December	394	19,674	317	16,954	22	1,421	1	80	-	13	50	1,115	-	12	4	79
TOTAL	4,834	236,831	4,046	197,959	563	25,940	101	8,664	6	351	102	2,856	3	116	13	945

FIGURE 5 PERCENT OF FATAL AND INJURY ACCIDENTS BY MONTH OF COLLISION

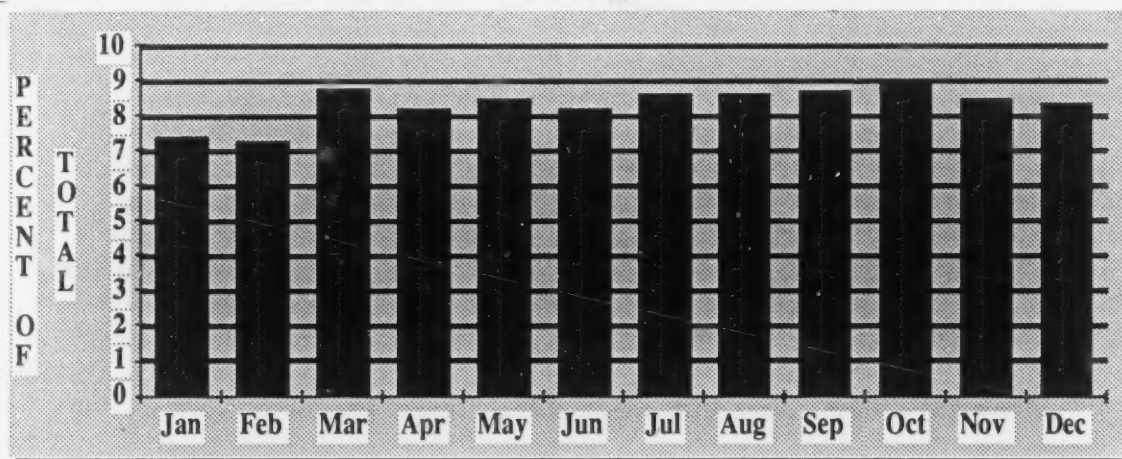


TABLE 2E FATAL AND INJURY ACCIDENTS BY LIGHTING BY INTERSECTION/NON-INTERSECTION, RIGHT-OF-WAY CONTROLS - 1989

INTERSECTION/ NON-INTERSECTION	LIGHTING													
	TOTAL		Daylight		Dusk-Dawn		Dark- Street Lights		Dark-No Street Lights		Dark- Street Lights Not Functioning		Not Stated	
	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
Intersection Controls	928	80,711	497	57,203	46	2,867	299	17,783	77	1,676	1	98	8	1,084
Functioning	705	60,371	384	42,595	37	2,048	223	13,914	54	997	1	55	6	762
Not functioning	4	435	2	292	-	9	2	81	-	25	-	18	-	10
Obscure	-	85	-	65	-	3	-	14	-	2	-	-	-	1
None	217	19,129	110	13,847	9	776	74	3,668	22	643	-	25	2	170
Not stated	2	691	1	404	-	31	-	106	1	9	-	-	-	141
Non-Intersection	3,906	156,120	1,606	101,259	165	5,290	762	28,868	1,312	18,663	12	118	49	1,922
TOTAL	4,834	236,831	2,103	158,462	211	8,157	1,061	46,651	1,389	20,339	13	216	57	3,006

Section 3

DRIVERS AND VEHICLES



1989 Annual Report

TABLE 3A DRIVERS IN FATAL AND INJURY ACCIDENTS AND DRIVERS WHO WERE AT FAULT BY TYPE OF VEHICLE - 1989

TYPE OF VEHICLE	DRIVERS IN FATAL ACCIDENTS			DRIVERS IN INJURY ACCIDENTS		
	Total	At Fault	Percent At Fault	Total	At Fault	Percent At Fault
Passenger car	4,176	2,260	54.1	301,128	135,671	45.1
Passenger car with trailer	13	8	61.5	655	241	36.8
Motorcycle/scooter	633	422	66.7	17,489	8,810	50.4
Moped	2	-	0	355	166	46.8
Pickup or panel truck	1,642	867	52.8	81,438	38,985	47.9
Pickup or panel truck with trailer	47	25	53.2	3,135	1,483	47.3
Truck or truck tractor	172	69	40.1	5,278	2,648	50.2
Truck or truck tractor with trailer(s)	351	89	25.4	6,201	2,865	46.2
School bus	5	2	40.0	739	263	35.6
Other bus	35	7	20.0	1,349	354	26.2
Emergency vehicle	20	5	25.0	1,982	610	30.8
Highway construction equipment	-	-	-	53	21	39.6
Other	127	28	22.0	2,390	1,212	50.7
Not stated	-	-	-	60	30	50.0
TOTAL	7,223	3,782	52.4	422,252	193,359	45.8

TABLE 3B DRIVERS IN FATAL AND INJURY ACCIDENTS BY AGE COMPARED TO LICENSED DRIVERS IN CALIFORNIA - 1989

AGE	Licensed Drivers			Drivers in Fatal Accidents			Drivers in Injury Accidents			Percent of Total Drivers		
	TOTAL	Male	Female	TOTAL	Male	Female	TOTAL	Male	Female	Licensed Drivers	Fatal Accidents	Injury Accidents
0 - 14	-	-	-	9	7	2	563	408	155	-	0.1	0.1
15 - 19	921,800	503,900	417,900	788	613	175	49,084	30,644	18,440	4.7	10.9	11.6
20 - 24	2,073,300	1,156,400	916,900	1,267	1,026	241	70,194	46,959	23,235	10.6	17.6	16.6
25 - 29	2,636,200	1,440,400	1,195,800	1,120	900	220	65,674	43,211	22,463	13.5	15.5	15.6
30 - 34	2,659,900	1,424,800	1,235,100	860	681	179	53,568	34,258	19,310	13.6	11.9	12.7
35 - 39	2,360,500	1,242,100	1,118,400	703	540	163	41,444	25,425	16,019	12.0	9.7	9.8
40 - 44	2,032,900	1,059,200	973,700	518	390	128	31,668	19,170	12,498	10.4	7.2	7.5
45 - 49	1,521,000	792,400	728,600	370	293	77	21,878	13,576	8,302	7.8	5.1	5.2
50 - 54	1,181,600	620,600	561,000	298	231	67	15,926	10,034	5,892	6.0	4.1	3.8
55 - 59	1,030,600	544,300	486,300	210	165	45	13,010	8,308	4,702	5.3	2.9	3.1
60 - 64	967,300	495,900	471,400	206	154	52	11,198	7,052	4,146	4.9	2.9	2.6
65 and over	2,192,000	1,107,200	1,084,800	529	377	152	23,734	14,749	8,985	11.2	7.3	5.6
Not stated	-	-	-	345	335	10	24,311	22,288	2,023	-	4.8	5.8
TOTAL	19,577,100	10,387,200	9,189,900	7,223	5,712	1,511	422,252	276,082	146,170	100.0	100.0	100.0

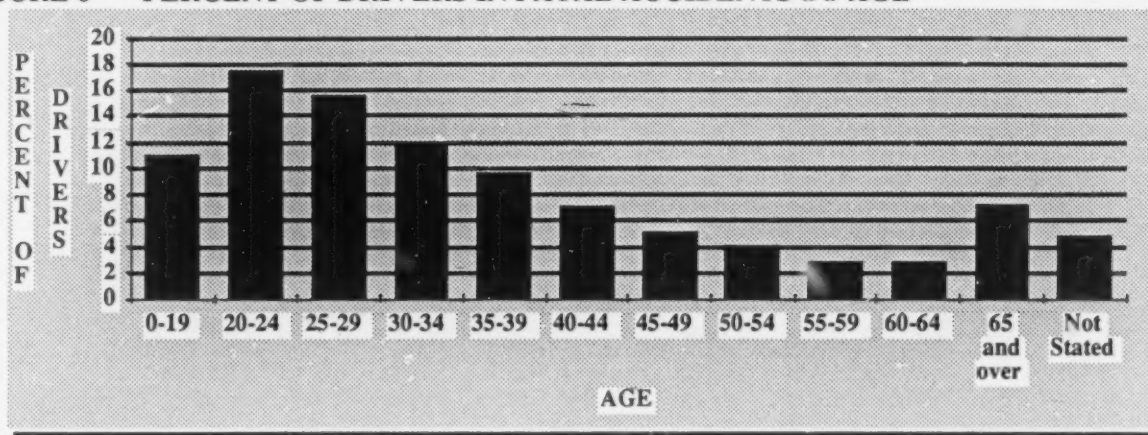
TABLE 3C DRIVERS IN FATAL AND INJURY ACCIDENTS AND DRIVERS WHO WERE AT FAULT BY SEX
BY AGE - 1989

AGE	TOTAL DRIVERS					DRIVERS AT FAULT				
	TOTAL	Fatal Male	Fatal Female	Injury Male	Injury Female	TOTAL	Fatal Male	Fatal Female	Injury Male	Injury Female
0 - 14	572	7	2	408	155	473	5	2	340	126
15	888	9	5	593	281	642	8	5	425	204
16	7,438	69	35	4,241	3,093	4,619	41	22	2,703	1,853
17	10,527	120	36	6,229	4,142	6,043	78	26	3,772	2,167
18	15,265	182	53	9,607	5,423	8,456	116	33	5,591	2,716
19	15,754	233	46	9,974	5,501	8,452	158	23	5,679	2,592
20	14,959	198	52	9,798	4,911	7,830	125	32	5,465	2,208
21	14,848	223	53	9,746	4,826	7,555	146	28	5,292	2,089
22	14,018	205	41	9,224	4,548	6,986	137	19	4,911	1,919
23	13,886	188	53	9,179	4,466	6,694	129	30	4,716	1,819
24	13,750	212	42	9,012	4,484	6,615	129	23	4,597	1,866
25	14,154	173	34	9,260	4,687	6,528	104	16	4,520	1,888
26	13,861	174	49	8,987	4,651	6,332	108	24	4,326	1,874
27	13,454	217	40	8,707	4,490	6,109	117	17	4,227	1,748
28	12,876	174	51	8,204	4,447	5,614	99	28	3,770	1,717
29	12,449	162	46	8,053	4,188	5,412	91	22	3,692	1,607
30	11,799	155	33	7,589	4,022	5,107	80	14	3,439	1,574
31	11,447	133	40	7,222	4,052	4,818	59	20	3,233	1,506
32	10,966	150	40	6,898	3,878	4,485	72	18	2,969	1,426
33	10,398	113	32	6,461	3,792	4,207	58	13	2,772	1,364
34	9,818	130	34	6,088	3,566	3,933	65	16	2,620	1,232
35	9,333	125	39	5,691	3,478	3,710	63	18	2,384	1,245
36	8,912	99	39	5,389	3,385	3,547	51	14	2,255	1,227
37	8,404	104	28	5,068	3,204	3,265	50	10	2,110	1,095
38	7,911	104	35	4,752	3,020	3,021	46	10	1,909	1,056
39	7,587	108	22	4,525	2,932	2,915	53	7	1,821	1,034
40	7,290	77	28	4,387	2,798	2,639	21	14	1,668	936
41	7,074	100	27	4,168	2,779	2,562	53	7	1,587	915
42	6,893	88	25	4,143	2,637	2,550	36	5	1,573	936
43	5,549	72	25	3,256	2,196	2,025	28	11	1,207	779
44	5,380	53	23	3,216	2,088	1,978	25	11	1,223	719
45	5,124	56	13	3,156	1,899	1,885	22	4	1,208	651
46	4,982	55	17	2,993	1,917	1,818	20	7	1,133	658
47	4,431	65	11	2,724	1,631	1,665	26	5	1,043	591
48	3,875	69	16	2,374	1,416	1,427	28	6	882	511
49	3,836	48	20	2,329	1,439	1,378	19	7	839	513
50	3,756	51	14	2,326	1,365	1,326	21	5	831	469
51	3,397	53	15	2,057	1,272	1,215	23	4	740	448
52	3,196	45	16	1,970	1,165	1,171	19	8	738	406
53	2,931	37	9	1,829	1,056	1,083	12	1	694	376
54	2,944	45	13	1,852	1,034	1,051	16	4	672	359
55	2,705	34	8	1,693	970	1,033	17	4	657	355
56	2,730	36	7	1,697	990	1,026	13	4	641	368
57	2,649	32	11	1,647	959	989	12	3	612	362
58	2,594	31	9	1,678	876	1,008	12	4	659	333
59	2,542	32	10	1,593	907	1,047	20	5	648	374
60	2,395	26	10	1,535	824	911	12	2	572	325
61	2,285	29	12	1,424	820	940	12	5	592	331
62	2,262	33	12	1,390	827	922	20	5	574	323
63	2,209	33	3	1,330	843	918	13	1	540	364
64	2,253	33	15	1,373	832	928	12	5	557	354
65 and over	24,263	377	152	14,749	8,985	12,771	203	100	7,509	4,959
Not stated	24,656	335	10	22,288	2,023	15,507	147	5	14,324	1,031
TOTAL	429,475	5,712	1,511	276,082	146,170	197,141	3,050	732	133,461	59,898

TABLE 3D DRIVERS IN FATAL ACCIDENTS BY AGE BY HOUR OF DAY - 1989

HOUR OF DAY	AGE												
	TOTAL	0-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 and over	Not Stated
Midnight - 12:59 A.M.	281	48	64	57	27	11	12	7	10	9	3	5	28
1:00 - 1:59	316	36	90	61	34	33	21	10	6	5	-	3	17
2:00 - 2:59	259	35	79	47	23	23	11	7	3	4	3	1	23
3:00 - 3:59	167	24	46	24	25	12	7	7	4	6	3	4	5
4:00 - 4:59	117	14	19	13	20	9	7	4	8	4	4	3	12
5:00 - 5:59	178	11	31	32	18	18	20	7	7	9	6	11	8
6:00 - 6:59	235	19	48	37	24	17	27	17	13	7	7	14	5
7:00 - 7:59	189	20	29	30	24	15	16	11	13	7	7	15	2
8:00 - 8:59	201	19	34	24	11	21	23	14	20	5	7	20	3
9:00 - 9:59	191	15	25	29	24	22	19	9	9	4	6	25	4
10:00 - 10:59	190	12	21	17	19	19	14	16	6	10	11	39	6
11:00 - 11:59	210	17	20	21	24	27	19	11	11	6	14	37	3
TOTAL A.M.	2,534	270	506	392	273	227	196	120	110	76	71	177	116

FIGURE 6 PERCENT OF DRIVERS IN FATAL ACCIDENTS BY AGE



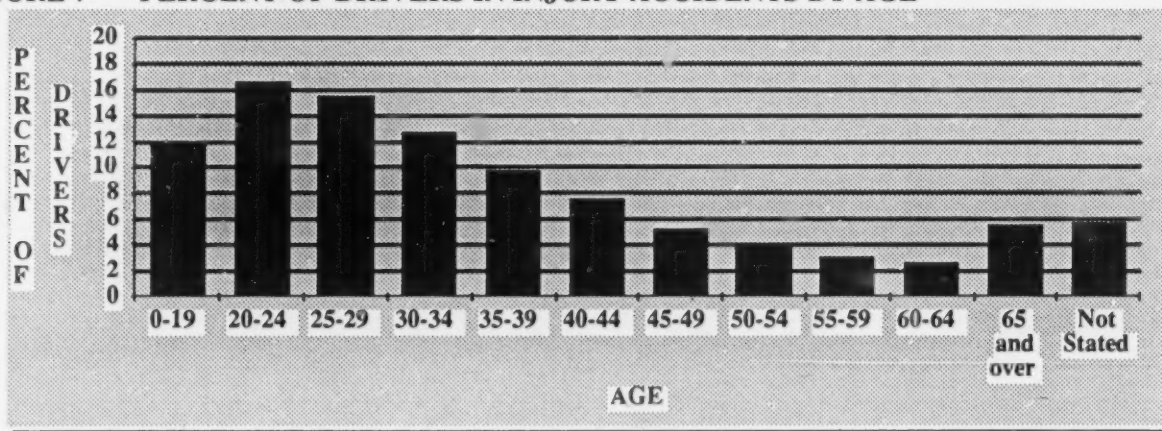
HOUR OF DAY	AGE												
	TOTAL	0-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 and over	Not Stated
Noon - 12:59 P.M.	272	32	36	32	33	27	21	12	22	4	4	44	5
1:00 - 1:59	309	25	44	30	49	22	26	16	16	12	19	40	10
2:00 - 2:59	357	35	46	49	34	26	30	30	12	18	20	43	14
3:00 - 3:59	362	35	68	38	36	45	29	22	11	13	9	48	8
4:00 - 4:59	387	45	52	57	41	45	33	25	15	15	12	39	3
5:00 - 5:59	465	43	68	87	72	48	35	36	25	10	16	38	16
6:00 - 6:59	444	45	74	85	56	50	23	22	17	10	10	26	26
7:00 - 7:59	390	40	75	60	48	39	30	22	16	11	9	23	17
8:00 - 8:59	426	43	69	69	53	46	21	19	15	14	14	19	44
9:00 - 9:59	431	66	75	54	58	40	27	20	17	18	8	15	33
10:00 - 10:59	385	55	73	83	56	40	19	11	10	6	5	10	17
11:00 - 11:59	375	61	72	72	45	40	23	10	10	2	6	5	29
TOTAL P.M.	4,627	525	752	716	581	468	317	245	186	133	132	350	222
Unknown	62	2	9	12	6	8	5	5	2	1	3	2	7
TOTAL	7,223	797	1,267	1,120	860	703	518	370	298	210	206	529	345

○ Highest hour and age group.

TABLE 3E DRIVERS IN INJURY ACCIDENTS BY AGE BY HOUR OF DAY - 1989.

HOUR OF DAY	TOTAL	A G E											
		0-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 and over	Not Stated
Midnight - 12:59 A.M.	7,577	1,338	1,755	1,316	873	595	419	241	153	108	62	79	638
1:00 - 1:59	6,872	1,052	1,795	1,330	835	468	324	183	134	60	50	40	601
2:00 - 2:59	6,310	814	1,726	1,232	760	491	286	192	107	72	37	36	557
3:00 - 3:59	2,977	456	848	581	349	196	113	99	52	26	32	18	207
4:00 - 4:59	2,291	305	613	446	256	158	110	85	61	57	36	22	142
5:00 - 5:59	4,176	327	771	695	576	444	349	252	185	144	97	83	253
6:00 - 6:59	9,709	679	1,602	1,735	1,441	1,118	804	570	416	329	258	274	483
7:00 - 7:59	20,364	2,263	2,983	3,323	2,822	2,306	1,789	1,218	887	703	492	675	903
8:00 - 8:59	19,930	1,672	2,934	3,175	2,798	2,359	1,855	1,196	821	684	559	1,003	874
9:00 - 9:59	15,137	1,134	2,142	2,268	1,969	1,596	1,282	931	694	584	570	1,385	582
10:00 - 10:59	16,921	1,500	2,336	2,380	2,016	1,692	1,334	993	753	689	710	1,822	696
11:00 - 11:59	20,945	1,947	3,036	3,032	2,556	2,114	1,589	1,178	916	796	776	2,136	869
TOTAL A.M.	133,209	13,487	22,541	21,513	17,251	13,537	10,254	7,138	5,179	4,252	3,679	7,573	6,805

FIGURE 7 PERCENT OF DRIVERS IN INJURY ACCIDENTS BY AGE



HOUR OF DAY	TOTAL	AGE											
		0-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 and over	Not Stated
Noon - 12:59 P.M.	25,586	2,969	3,844	3,830	3,133	2,484	1,997	1,363	1,044	903	836	2,088	1,095
1:00 - 1:59	24,271	2,643	3,710	3,501	2,998	2,342	1,886	1,331	1,021	852	804	2,083	1,100
2:00 - 2:59	27,680	3,286	3,986	3,823	3,466	2,711	2,189	1,510	1,119	936	929	2,332	1,393
3:00 - 3:59	33,825	4,263	4,970	4,743	4,158	3,305	2,654	1,823	1,408	1,257	1,028	2,509	1,707
4:00 - 4:59	34,896	4,094	5,378	5,185	4,460	3,564	2,730	1,941	1,469	1,217	988	2,061	1,809
5:00 - 5:59	38,165	4,164	6,235	6,170	4,992	4,005	2,986	2,046	1,508	1,193	950	1,806	2,110
6:00 - 6:59	29,054	3,473	4,923	4,637	3,738	2,845	2,145	1,518	1,053	856	709	1,234	1,923
7:00 - 7:59	20,102	2,666	3,530	3,252	2,608	1,835	1,436	944	656	481	424	773	1,497
8:00 - 8:59	16,424	2,297	3,127	2,715	2,026	1,485	1,070	749	483	340	279	489	1,364
9:00 - 9:59	15,049	2,303	2,987	2,431	1,841	1,307	922	627	401	295	251	352	1,332
10:00 - 10:59	12,843	2,110	2,627	2,013	1,575	1,113	800	491	321	221	193	253	1,126
11:00 - 11:59	10,558	1,830	2,241	1,776	1,257	858	553	372	242	180	117	152	983
TOTAL P.M.	288,453	36,098	47,558	44,076	36,252	27,854	21,368	14,715	10,725	8,731	7,508	16,132	17,436
Unknown	590	62	95	85	65	53	46	25	22	27	11	29	70
TOTAL	422,252	49,647	70,194	65,674	53,568	41,444	31,668	21,878	15,926	13,010	11,198	23,734	24,311

○ Highest hour and age group.

TABLE 3F VEHICLES IN FATAL AND INJURY ACCIDENTS BY VEHICLE MAKE 1981 - 1985 - 1989

VEHICLE MAKE	1981			1985			1989		
	Fatal	Injury	Percent of Total	Fatal	Injury	Percent of Total	Fatal	Injury	Percent of Total
American Motors	151	5,937	1.7	111	5,572	1.4	116	5,726	1.3
Buick	154	10,729	3.0	159	12,339	3.1	165	12,647	2.9
Cadillac	128	8,145	2.3	118	8,455	2.1	115	8,687	2.0
Chevrolet	1,192	61,194	17.3	994	61,260	15.5	1,088	59,824	13.6
Chrysler	66	3,719	1.0	54	4,221	1.1	75	4,923	1.1
Dodge	294	16,382	4.6	262	16,581	4.2	285	17,148	3.9
Ford	1,072	59,224	16.7	996	59,510	15.1	1,092	63,138	14.3
Lincoln	28	2,342	0.7	37	2,327	0.6	23	2,442	0.6
Mercury	158	10,515	3.0	136	10,581	2.7	117	9,464	2.1
Oldsmobile	203	11,237	3.2	182	13,440	3.4	191	14,816	3.3
Plymouth	193	10,809	3.0	131	9,071	2.3	107	7,389	1.7
Pontiac	233	11,977	3.4	168	12,010	3.0	183	12,540	2.8
Other Domestics	229	10,080	2.9	189	11,595	2.9	223	14,646	3.3
Audi	1/	1/	1/	18	1,593	0.4	14	1,447	0.3
BMW	1/	1/	1/	38	2,534	0.6	47	3,656	0.8
Datsun/Nissan	319	19,264	5.4	434	28,308	7.2	539	35,551	8.0
Fiat	45	2,302	0.6	18	1,632	0.4	10	657	0.2
Honda	135	7,331	2.1	183	13,566	3.4	239	22,164	5.0
Mazda	76	3,483	1.0	94	6,356	1.6	136	10,148	2.3
Mercedes-Benz	42	2,039	0.6	32	3,075	0.8	39	3,852	0.9
M G	28	1,177	0.3	-	1	*	-	-	-
Opel	23	1,151	0.3	-	-	-	-	-	-
Porsche	1/	1/	1/	30	1,374	0.3	21	968	0.2
Renault	8	328	0.1	-	-	-	-	-	-
Subaru	1/	1/	1/	31	2,049	0.5	45	2,805	0.6
Triumph	16	915	0.3	-	1	*	-	-	-
Toyota	356	21,522	6.1	526	33,880	8.6	718	47,419	10.7
Volkswagen	339	18,298	5.2	266	18,019	4.6	206	15,051	3.4
Volvo	38	2,394	0.7	32	3,268	0.8	27	3,858	0.9
Other Foreign	251	11,612	3.3	169	11,072	2.8	369	24,028	5.4
Miscellaneous	1,354	37,036	10.6	1,455	38,769	10.0	1,409	35,173	8.1
Not stated	69	2,270	0.6	83	2,203	0.6	37	1,277	0.3
TOTAL	7,200	353,412	100.0	6,946	394,662	100.0	7,636	441,444	100.0

* Less than 0.1 percent 1/ Included in other foreign.

TABLE 3G DRIVERS IN FATAL AND INJURY ACCIDENTS BY TYPE OF COLLISION BY MOVEMENT PRECEDING COLLISION - 1989

Driver Movement Preceding Collision	TYPE OF COLLISION								
	Total	Head-On	Side-swipe	Rear End	Broad-side	Hlt Object	Over-turned	Auto/Pedestrian	Other
Stopped	56,253	1,022	1,597	47,476	4,519	306	69	211	1,053
Proceeding straight	227,029	13,992	16,698	68,128	90,573	11,814	3,868	12,070	9,886
Ran off road	27,416	202	202	329	218	20,893	4,673	142	757
Making right turn	12,287	410	1,434	2,414	2,287	820	300	1,482	3,140
Making left turn	48,206	6,911	2,628	3,427	29,550	1,331	494	1,457	2,408
Making U turn	2,951	94	314	213	2,026	119	42	33	110
Backing	2,345	40	112	454	565	108	15	488	563
Slowing - stopping	18,812	191	488	16,430	577	268	215	252	391
Passing other vehicle	2,869	253	924	349	771	218	141	74	139
Changing lanes	11,236	87	4,861	3,572	909	1,122	410	73	202
Parking maneuver	506	8	155	91	112	23	1	60	56
Entering traffic from shoulder, median, parking strip or private drive	6,229	230	660	346	3,955	95	96	149	698
Other unsafe turning	1,984	140	272	479	208	598	144	58	85
Crossed into opposing lane	4,508	2,341	1,034	45	516	290	176	37	69
Parked	-	-	-	-	-	-	-	-	-
Merging	548	5	225	184	66	19	13	9	27
Traveling wrong way	666	379	67	18	88	65	13	9	27
Other	3,108	127	390	1,069	401	387	412	142	180
Not stated	2,522	119	163	886	676	132	36	206	304
TOTAL	429,475	26,551	32,224	145,910	138,017	38,608	11,118	16,952	20,095

Section 4
VICTIMS



1989 Annual Report

TABLE 4A PERSONS KILLED BY SEX BY AGE - 1989

AGE	VICTIM CLASSIFICATION										
	TOTAL	Motor Vehicle Driver		Passenger		Pedestrian		Bicyclist		Motorcyclist*	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0 - 4	103	-	-	31	19	31	22	-	-	-	-
5 - 14	213	4	2	51	45	50	25	31	5	4	2
15 - 24	1,523	698	156	353	178	89	18	29	2	233	18
25 - 34	1,232	678	142	139	73	143	38	18	1	216	12
35 - 44	763	367	108	68	79	104	26	8	3	80	6
45 - 54	391	194	59	26	34	50	23	4	1	31	3
55 - 64	306	136	38	18	34	58	19	2	1	6	-
65 and over	700	203	84	72	124	122	86	9	-	3	1
Not stated	150	20	1	30	17	62	17	3	-	3	2
TOTAL	5,381	2,300	590	788	603	709	274	104	13	576	44

FIGURE 8 PERCENT OF KILLED AND INJURED VICTIMS BY AGE

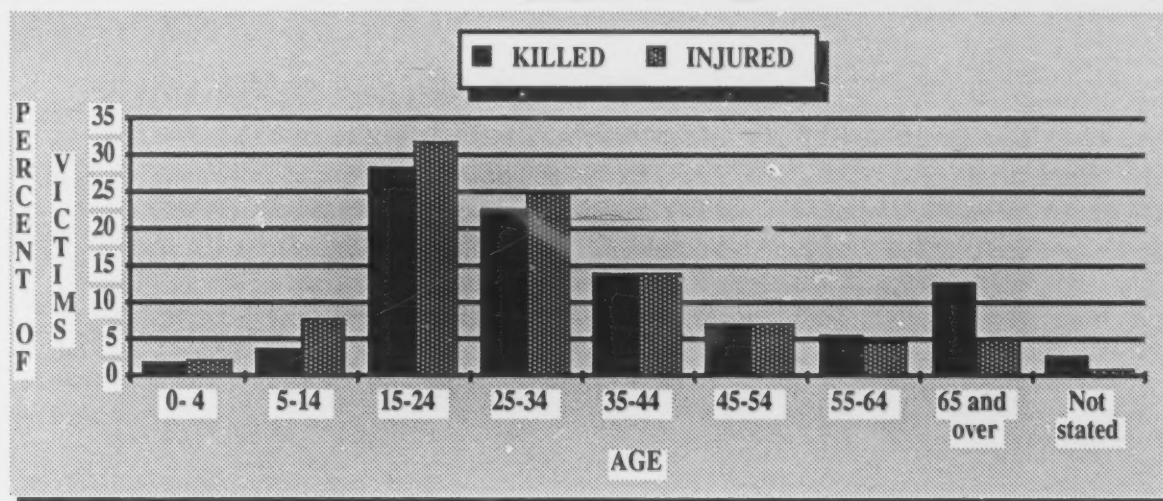


TABLE 4B PERSONS INJURED BY SEX BY AGE - 1989

AGE	VICTIM CLASSIFICATION										
	TOTAL	Motor Vehicle Driver		Passenger		Pedestrian		Bicyclist		Motorcyclist*	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0 - 4	8,599	20	10	3,609	3,278	1,081	548	28	25	11	2
5 - 14	29,116	267	111	8,426	9,647	2,921	1,845	4,603	1,296	285	94
15 - 24	115,608	40,077	25,513	20,236	21,387	1,843	1,247	4,339	966	8,121	1,161
25 - 34	90,716	37,701	24,911	9,696	12,411	1,905	1,134	2,355	603	5,559	700
35 - 44	51,794	20,418	16,766	3,999	7,346	1,274	736	996	259	2,043	266
45 - 54	26,939	10,078	8,487	1,915	4,807	674	455	426	97	674	94
55 - 64	17,485	6,252	5,196	1,169	3,712	510	391	219	36	233	19
65 and over	18,947	6,177	4,975	1,479	4,653	674	775	189	25	111	11
Not stated	4,441	517	150	1,731	1,703	148	49	119	24	99	44
TOTAL	363,645	121,507	86,119	52,260	68,944	11,030	7,180	13,274	3,331	17,136	2,391

* Motorcyclist included under Motor Vehicle Driver & Passenger categories.

TABLE 4C PERSONS KILLED AND INJURED BY EXTENT OF INJURY BY TYPE OF COLLISION - 1989

TYPE OF COLLISION	TOTAL KILLED AND INJURED	TOTAL KILLED	EXTENT OF INJURY			
			TOTAL INJURED	Severe Wound	Other Visible Injuries	Complaint of Pain
Head-on	25,504	679	24,825	1,970	10,292	12,563
Sidewipe	22,719	197	22,522	900	7,383	14,239
Rear end	103,441	401	103,040	1,853	22,361	78,826
Broadside	114,009	896	113,113	3,954	36,946	72,213
Hit object	47,835	1,488	46,347	4,572	25,915	15,860
Overturned	14,591	493	14,098	1,432	8,383	4,283
Auto/pedestrian	18,125	929	17,196	2,537	8,390	6,269
Other	22,802	298	22,504	1,439	12,506	8,559
TOTAL	369,026	5,381	363,645	18,657	132,176	212,812

TABLE 4D PERSONS KILLED AND INJURED BY EXTENT OF INJURY BY TYPE OF VEHICLE - 1989

TYPE OF VEHICLE	TOTAL KILLED AND INJURED	TOTAL KILLED	EXTENT OF INJURY			
			TOTAL INJURED	Severe Wound	Other Visible Injuries	Complaint of Pain
Passenger car	242,984	2,654	240,330	8,786	76,698	154,846
Passenger car with trailer	583	10	573	26	195	352
Motorcycle/scooter	19,777	618	19,159	3,009	11,551	4,599
Moped	370	2	368	32	237	99
Bicycle	16,722	117	16,605	1,009	9,808	5,788
Pickup or panel truck	58,928	852	58,076	2,748	21,766	33,562
Pickup or panel truck w/trailer	1,905	16	1,889	64	709	1,116
Truck or truck tractor	1,953	41	1,912	77	675	1,160
Truck or truck tractor w/trailer(s)	1,752	55	1,697	106	745	846
School bus	1,029	-	1,029	4	169	856
Other bus	1,396	4	1,392	9	141	1,242
Emergency vehicle	1,588	6	1,582	34	389	1,159
Highway construction equipment	23	-	23	1	10	12
Other	20,009	1,006	19,003	2,751	9,081	7,171
Not stated	7	-	7	1	2	4
TOTAL	369,026	5,381	363,645	18,657	132,176	212,812

TABLE 4E PEDESTRIANS KILLED AND INJURED BY AGE BY ACTION - 1989

PEDESTRIAN ACTION	PEDESTRIAN AGE									
	TOTAL	0- 4	5- 14	15- 24	25- 34	35- 44	45- 54	55- 64	65 and over	Not Stated
Crossing in crosswalk - at intersection	6,386	199	1,329	1,111	1,077	783	487	460	868	72
Crossing in crosswalk - not at intersection	392	21	93	69	73	41	29	24	38	4
Crossing - not in crosswalk	7,520	1,065	2,696	998	971	615	348	250	463	114
In roadway - includes shoulder	3,700	301	510	805	875	542	246	172	180	69
Not in roadway	1,125	94	181	209	215	155	86	70	98	17
Approaching/leaving school bus	25	-	20	2	-	1	1	-	1	-
Not stated	45	2	12	3	9	3	5	2	9	-
TOTAL	19,193	1,682	4,841	3,197	3,220	2,140	1,202	978	1,657	276

TABLE 4F PERSONS KILLED AND INJURED IN FATAL AND INJURY ACCIDENTS BY AGE BY VICTIM
CLASSIFICATION - 1989

AGE	V I C T I M S											
	TOTAL		Motor Vehicle Driver		Passenger		Pedestrian		Bicyclist		Motorcyclist*	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
0-4	103	8,599	-	30	50	6,887	53	1,629	-	53	-	13
5	18	2,611	-	-	14	1,838	3	560	1	213	-	5
6	27	2,611	-	1	14	1,705	11	576	2	329	-	6
7	26	2,781	-	3	8	1,751	16	619	2	408	-	12
8	15	2,785	-	4	3	1,792	8	539	4	450	-	10
9	24	2,762	-	5	11	1,747	9	458	4	552	1	16
10	20	2,680	-	11	6	1,676	10	390	4	603	-	23
11	16	2,804	1	18	7	1,655	4	395	4	736	1	35
12	18	2,998	1	34	4	1,659	5	405	8	900	1	39
13	21	3,271	2	87	12	1,871	4	400	3	913	1	75
14	28	3,813	2	215	17	2,379	5	424	4	795	2	158
15	47	5,033	7	506	29	3,428	7	370	4	729	5	263
16	102	8,972	37	3,646	56	4,485	7	304	2	537	6	468
17	135	11,380	62	5,501	66	5,034	5	281	2	564	16	665
18	192	14,713	113	8,433	68	5,412	7	320	4	548	40	1,150
19	202	14,324	107	8,593	74	4,887	17	303	4	541	28	1,284
20	160	13,475	95	8,275	51	4,389	9	275	5	536	35	1,216
21	192	12,963	116	8,174	63	3,991	11	326	2	472	36	1,189
22	156	11,974	101	7,673	34	3,497	19	306	2	498	28	1,081
23	162	11,420	101	7,435	47	3,251	12	298	2	436	21	1,020
24	175	11,354	115	7,354	43	3,249	13	307	4	444	36	946
25	151	11,330	101	7,508	35	3,063	13	342	2	417	34	848
26	140	10,573	95	7,182	23	2,744	20	297	2	350	31	827
27	154	10,166	105	7,013	23	2,477	25	326	1	350	22	764
28	149	9,936	97	6,798	29	2,480	23	349	-	309	26	729
29	131	9,421	91	6,490	20	2,305	18	313	2	313	23	632
30	103	8,769	68	6,021	18	2,142	14	322	3	284	20	603
31	93	8,235	67	5,820	12	1,899	14	280	-	236	15	561
32	112	7,853	77	5,558	16	1,764	16	278	3	253	22	471
33	101	7,485	56	5,287	20	1,674	21	283	4	241	18	424
34	98	6,948	63	4,935	16	1,559	17	249	2	205	17	400
35	96	6,695	65	4,725	14	1,505	15	273	2	192	11	332
36	87	6,196	54	4,443	19	1,374	14	237	-	142	13	305
37	82	5,828	55	4,261	14	1,238	12	196	1	133	13	269
38	81	5,609	47	4,020	16	1,225	17	225	1	139	8	265
39	81	5,174	58	3,713	9	1,120	12	198	2	143	11	240
40	61	5,095	34	3,597	15	1,170	12	203	-	125	9	229
41	84	4,780	46	3,538	19	979	17	173	2	90	8	191
42	71	4,795	46	3,432	10	1,064	12	183	3	116	4	187
43	70	3,912	42	2,790	16	875	12	156	-	91	5	142
44	50	3,710	28	2,665	15	795	7	166	-	84	4	149
45	38	3,534	26	2,475	6	839	5	147	1	73	3	123
46	38	3,237	27	2,320	5	717	6	133	-	67	2	116
47	49	3,093	31	2,174	10	723	8	114	-	82	4	106
48	48	2,725	35	1,873	6	695	7	100	-	57	9	79
49	39	2,683	27	1,862	6	666	5	110	1	45	2	68
50	41	2,812	22	1,888	10	759	9	118	-	47	4	73
51	34	2,420	22	1,672	3	600	9	108	-	40	3	60
52	40	2,287	26	1,548	2	597	9	105	3	37	3	62
53	35	2,125	17	1,397	8	583	10	108	-	37	3	43
54	29	2,023	20	1,356	4	543	5	86	-	38	1	38
55	31	1,929	14	1,266	8	541	8	87	1	35	-	35
56	30	1,998	19	1,330	3	532	8	103	-	33	-	45
57	20	1,900	10	1,265	5	512	5	95	-	28	-	30
58	26	1,785	11	1,195	6	454	8	104	1	32	-	27
59	33	1,787	23	1,150	1	507	9	104	-	26	-	23
60 and over	866	27,033	384	16,394	225	8,467	247	1,857	10	315	10	214
Not stated	150	4,441	21	667	47	3,434	79	197	3	143	5	143
TOTAL	5,381	363,645	2,890	207,626	1,391	121,204	983	18,210	117	16,605	620	19,527

* Motorcyclist included under Motor Vehicle Driver & Passenger categories.

Section 5

ALCOHOL INVOLVED ACCIDENTS



1989 Annual Report

TABLE 5A ALCOHOL INVOLVED FATAL AND INJURY ACCIDENTS BY MONTH BY YEAR 1985 - 1989

MONTH	Y E A R									
	1985		1986		1987		1988		1989	
	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
January	139	3,089	143	3,008	194	3,240	137	2,985	158	2,821
February	156	3,322	137	2,978	174	3,211	160	3,030	161	2,922
March	177	3,693	160	3,617	193	3,580	181	3,298	178	3,350
April	190	3,644	154	3,443	217	3,734	179	3,371	190	3,354
May	192	3,661	196	3,750	203	3,900	188	3,465	204	3,367
June	212	3,720	197	3,883	205	3,567	160	3,283	169	3,259
July	206	3,494	195	4,109	199	3,877	210	3,721	239	3,546
August	199	3,863	265	4,385	218	3,913	220	3,477	215	3,303
September	172	3,407	225	3,713	228	3,459	210	3,423	212	3,320
October	189	3,369	211	3,817	221	3,803	215	3,653	190	3,499
November	157	3,623	190	3,826	188	3,473	193	3,438	167	3,429
December	141	3,431	159	3,774	185	3,351	186	3,734	159	3,509
TOTAL	2,130	42,316	2,232	44,303	2,425	43,108	2,239	40,878	2,242	39,679

TABLE 5B PERSONS KILLED AND INJURED IN ALCOHOL INVOLVED ACCIDENTS BY MONTH BY YEAR 1985 - 1989

MONTH	Y E A R									
	1985		1986		1987		1988		1989	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
January	167	4,704	158	4,568	217	5,150	150	4,644	174	4,539
February	171	5,119	153	4,617	203	5,179	173	4,680	186	4,609
March	204	5,787	174	5,643	208	5,701	207	5,166	211	5,399
April	210	5,799	173	5,308	253	5,933	201	5,449	205	5,400
May	210	5,912	215	5,961	231	6,256	209	5,492	228	5,390
June	250	5,902	222	6,152	230	5,656	182	5,288	193	5,293
July	225	5,664	225	6,592	231	6,208	239	5,965	279	5,946
August	224	6,141	310	7,094	256	6,342	243	5,678	232	5,438
September	205	5,351	263	5,925	257	5,497	235	5,493	238	5,406
October	215	5,295	245	5,972	246	6,030	241	5,819	207	5,579
November	176	5,609	216	6,103	219	5,501	225	5,550	186	5,355
December	155	5,384	189	5,941	203	5,363	205	5,809	170	5,583
TOTAL	2,412	66,667	2,543	69,876	2,754	68,816	2,510	65,033	2,509	63,937

TABLE 5C ALCOHOL INVOLVED FATAL AND INJURY ACCIDENTS BY COUNTY BY YEAR 1985 - 1989

COUNTY	Y E A R									
	1985		1986		1987		1988		1989	
	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
Alameda	59	1,625	54	1,666	52	1,596	59	1,567	63	1,409
Alpine	-	13	1	20	2	13	2	9	1	3
Amador	7	63	7	56	4	77	4	65	7	63
Butte	17	363	29	342	25	358	20	318	18	307
Calaveras	5	73	6	103	12	108	13	101	5	83
Colusa	5	40	3	36	1	45	4	44	7	38
Contra Costa	42	956	41	994	51	938	40	909	52	853
Del Norte	4	50	6	46	4	48	9	43	3	43
El Dorado	20	271	23	269	18	246	12	262	19	271
Fresno	78	982	66	1,068	86	999	86	1,002	73	1,041
Glenn	4	48	6	51	10	68	1	45	8	55
Humboldt	12	244	10	235	24	252	20	164	11	165
Imperial	26	213	21	196	26	258	24	237	31	228
Inyo	10	44	6	33	5	35	5	36	7	50
Kern	65	877	75	868	69	881	78	844	72	815
Kings	14	112	13	135	19	122	9	110	14	110
Lake	9	145	7	157	13	148	10	148	7	133
Lassen	6	50	3	53	5	54	5	51	5	45
Los Angeles	420	11,088	452	12,072	516	11,772	473	10,997	464	10,853
Madera	16	118	17	152	13	176	28	182	20	159
Marin	11	316	16	315	11	310	7	267	20	239
Mariposa	5	33	3	33	5	30	5	38	2	41
Mendocino	18	167	11	139	14	159	14	155	15	185
Merced	20	230	27	280	22	270	26	237	34	257
Modoc	4	22	1	26	1	14	3	27	4	21
Mono	2	37	6	35	-	32	3	35	1	41
Monterey	38	591	31	547	32	563	33	492	35	468
Napa	9	197	12	199	18	189	10	177	6	203
Nevada	9	128	7	132	10	136	5	127	11	134
Orange	142	3,605	143	3,729	143	3,687	124	3,427	114	3,059
Placer	21	289	16	294	15	325	24	290	25	277
Plumas	4	50	7	58	5	54	8	51	7	39
Riverside	125	1,713	128	1,743	137	1,639	121	1,661	142	1,625
Sacramento	75	1,463	92	1,618	93	1,677	87	1,698	67	1,617
San Benito	8	53	7	51	7	68	6	54	1	65
San Bernardino	146	2,074	140	2,312	192	2,322	154	2,220	158	2,118
San Diego	182	3,803	193	3,758	188	3,487	187	3,180	190	3,245
San Francisco	28	873	19	749	14	756	26	697	20	736
San Joaquin	40	819	57	886	68	768	52	827	67	796
San Luis Obispo	25	363	25	384	33	330	25	311	20	313
San Mateo	26	739	33	771	22	786	28	703	23	636
Santa Barbara	24	607	32	571	26	597	17	536	21	448
Santa Clara	78	2,290	61	2,131	84	1,996	73	1,924	71	1,891
Santa Cruz	27	545	16	547	17	481	22	450	14	410
Shasta	16	233	17	264	19	300	18	268	28	273
Sierra	-	9	1	14	1	22	4	7	1	11
Siskiyou	8	76	9	80	13	92	5	69	6	84
Solano	16	372	23	428	31	430	28	457	16	463
Sonoma	38	724	50	800	48	737	37	669	40	639
Stanislaus	34	477	45	563	40	512	34	506	32	547
Sutter	6	76	11	99	10	77	16	80	13	101
Tehama	3	92	9	94	7	95	4	115	13	88
Trinity	7	47	6	39	7	43	5	50	5	36
Tulare	49	412	41	493	57	497	49	494	61	488
Tuolumne	10	115	12	144	8	135	8	129	6	121
Ventura	36	986	56	1,068	49	995	43	1,016	42	881
Yolo	11	212	12	260	15	217	14	198	14	254
Yuba	10	103	11	97	8	86	12	102	10	105
TOTAL	2,130	42,316	2,232	44,303	2,425	43,108	2,239	40,878	2,242	39,679

TABLE 5D PERSONS KILLED AND INJURED IN ALCOHOL INVOLVED ACCIDENTS BY COUNTY BY
YEAR 1985 - 1989

COUNTY	Y E A R									
	1985		1986		1987		1988		1989	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Alameda	64	2,407	61	2,458	55	2,383	61	2,331	70	2,144
Alpine	-	25	2	34	2	25	2	22	1	8
Amador	9	114	10	83	4	115	5	92	7	94
Butte	22	587	34	513	27	559	24	475	19	534
Calaveras	6	118	7	173	13	186	13	152	6	128
Colusa	5	73	3	70	1	81	4	73	7	64
Contra Costa	46	1,467	46	1,485	55	1,432	43	1,317	56	1,310
Del Norte	5	74	7	89	4	84	9	83	3	60
El Dorado	24	432	24	447	26	398	14	391	20	422
Fresno	94	1,734	74	1,758	101	1,707	103	1,737	89	1,755
Glenn	4	75	6	71	11	101	1	75	8	77
Humboldt	14	373	11	363	26	416	25	267	11	243
Imperial	34	391	27	337	35	437	28	394	35	424
Inyo	12	75	7	60	5	65	5	49	8	88
Kern	74	1,430	88	1,400	88	1,486	84	1,393	83	1,387
Kings	17	191	19	234	23	215	10	198	21	207
Lake	11	222	8	224	15	246	11	235	10	195
Lassen	9	85	4	93	7	88	6	86	5	79
Los Angeles	461	17,673	504	19,485	568	19,304	522	18,014	497	17,801
Madera	23	191	20	242	18	287	35	328	29	285
Marin	12	477	16	436	11	430	7	356	21	369
Mariposa	5	59	3	55	6	66	5	68	2	63
Mendocino	18	252	12	223	16	235	17	244	16	290
Merced	22	372	34	469	28	454	38	397	48	468
Modoc	4	34	2	45	1	24	4	48	4	36
Mono	2	56	7	67	-	49	3	57	2	64
Monterey	40	963	34	882	33	882	37	780	41	754
Napa	9	312	17	322	20	304	14	294	6	330
Nevada	9	219	7	202	12	232	6	182	12	199
Orange	159	5,467	155	5,833	166	5,815	134	5,353	122	4,848
Placer	26	436	18	488	16	491	25	424	31	445
Plumas	5	76	9	88	5	86	9	89	7	66
Riverside	146	2,822	148	2,865	164	2,687	136	2,662	181	2,691
Sacramento	85	2,339	105	2,602	100	2,727	97	2,656	75	2,558
San Benito	9	87	9	90	8	105	7	83	1	119
San Bernardino	169	3,430	157	3,687	221	3,848	165	3,684	177	3,551
San Diego	197	5,817	211	5,705	210	5,316	204	4,945	201	5,115
San Francisco	29	1,378	20	1,141	15	1,124	27	1,076	21	1,166
San Joaquin	48	1,272	67	1,400	75	1,251	61	1,368	77	1,319
San Luis Obispo	27	541	35	597	37	499	25	473	22	494
San Mateo	28	1,077	37	1,157	23	1,174	33	999	23	943
Santa Barbara	28	907	33	879	28	875	23	797	26	669
Santa Clara	91	3,466	67	3,092	98	2,917	86	2,896	74	2,820
Santa Cruz	31	870	18	798	18	736	26	657	18	609
Shasta	17	357	25	427	23	491	19	416	30	428
Sierra	-	13	1	20	1	35	4	7	1	26
Siskiyou	9	115	12	122	13	153	5	107	6	121
Solano	20	583	30	685	41	715	28	763	17	757
Sonoma	42	1,151	58	1,205	50	1,127	40	1,013	46	998
Stanislaus	35	756	58	942	49	872	38	845	35	892
Sutter	6	115	11	161	10	139	23	140	13	172
Tehama	3	147	10	156	8	159	5	191	13	141
Trinity	8	75	6	61	7	69	6	69	5	62
Tulare	64	711	46	863	70	850	60	891	70	912
Tuolumne	10	186	14	228	9	216	8	186	6	180
Ventura	39	1,492	60	1,691	53	1,540	51	1,610	47	1,416
Yolo	14	343	17	405	17	364	17	336	14	378
Yuba	12	157	12	168	8	144	12	159	13	163
TOTAL	2,412	66,667	2,543	69,876	2,754	68,816	2,510	65,033	2,509	63,937

TABLE 5E PERSONS KILLED AND INJURED IN ALCOHOL INVOLVED ACCIDENTS BY VICTIM TYPE BY YEAR 1985 - 1989

VICTIM TYPE	Y E A R									
	1985		1986		1987		1988		1989	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
HBD Party										
Driver	1,280	29,790	1,314	30,700	1,432	29,791	1,252	27,897	1,258	26,912
Pedestrian	265	1,525	281	1,603	312	1,662	350	1,712	330	1,761
Bicyclist	18	585	19	684	25	598	22	656	21	715
Passenger in HBD driver's vehicle	480	14,171	507	14,800	516	14,269	490	13,415	516	13,051
Had Not Been Drinking Party (HNBD)										
Driver	169	10,583	209	11,385	222	11,651	169	11,119	159	10,987
Pedestrian	68	925	79	1,032	90	905	102	926	88	848
Bicyclist	20	364	17	362	17	334	15	300	14	312
Passenger in HNBD driver's vehicle	112	8,724	117	9,310	140	9,606	110	9,008	123	9,351
TOTAL	2,412	66,667	2,543	69,876	2,754	68,816	2,510	65,033	2,509	63,937
Percent HBD parties were killed/injured	64.8	47.8	63.5	47.2	64.2	46.6	64.7	46.5	64.1	46.0
Percent HNBD parties and passengers were killed/injured	35.2	52.2	36.5	52.8	35.8	53.4	35.3	53.5	35.9	54.0

TABLE 5F MOTOR VEHICLE DRIVERS IN ALCOHOL INVOLVED FATAL AND INJURY ACCIDENTS BY TYPE OF COLLISION BY MOVEMENT PRECEDING COLLISION - 1989

DRIVER MOVEMENT PRECEDING COLLISION	TYPE OF COLLISION								
	TOTAL	Head-on	Side-swipe	Rear End	Broad-side	Hit Object	Over-turned	Auto/Pedestrian	Other
Stopped	584	25	30	400	81	20	-	6	22
Proceeding straight	19,205	1,059	1,081	7,597	4,686	3,034	749	559	440
Ran off road	10,636	63	71	133	71	8,396	1,623	22	257
Making right turn	966	94	102	83	195	294	82	50	66
Making left turn	3,124	574	134	173	1,570	441	102	47	83
Making U turn	259	9	20	20	157	36	7	3	7
Backing	174	2	19	32	28	25	2	23	43
Slowing - stopping	459	3	15	366	15	19	25	5	11
Passing other vehicle	378	48	108	54	69	67	23	3	6
Changing lanes	1,157	9	443	472	78	103	44	2	6
Parking maneuver	23	1	4	5	2	4	-	5	2
Entering traffic from shoulder, median, parking strip or private drive	328	14	31	28	208	12	12	6	17
Other unsafe turning	735	44	72	215	43	278	60	10	13
Crossed into opposing lane	1,331	755	282	8	120	97	51	3	15
Parked	-	-	-	-	-	-	-	-	-
Merging	27	-	14	7	3	2	1	-	-
Traveling wrong way	269	175	26	6	24	28	4	1	5
Other	715	24	61	315	51	111	125	9	19
Not stated	182	10	8	53	49	39	8	9	6
TOTAL	40,552	2,909	2,521	9,967	7,450	13,006	2,918	763	1,018

TABLE 5G PARTIES IN FATAL AND INJURY ACCIDENTS BY SEX BY DEGREE OF ALCOHOL IMPAIRMENT - 1989

DEGREE OF ALCOHOL IMPAIRMENT	TOTAL	MOTOR VEHICLE DRIVER				PEDESTRIAN AND BICYCLIST			
		Fatal		Injury		Fatal		Injury	
		Male	Female	Male	Female	Male	Female	Male	Female
HBD - under influence	29,056	1,376	193	22,330	3,776	243	25	971	142
HBD - not under influence	9,207	146	27	6,978	1,565	14	3	395	79
HBD - impairment unknown	5,144	262	34	3,242	623	68	12	779	124
TOTAL	43,407	1,784	254	32,550	5,964	325	40	2,145	345
Total parties in fatal and injury accidents	465,665	5,712	1,511	276,082	146,170	894	328	24,496	10,472
Percent had been drinking	9.3	31.2	16.8	11.8	4.1	36.4	12.2	8.8	3.3

TABLE 5H MOTOR VEHICLE DRIVERS IN FATAL ACCIDENTS BY AGE BY DEGREE OF ALCOHOL IMPAIRMENT - 1989

DEGREE OF ALCOHOL IMPAIRMENT	TOTAL	AGE												
		0-14	15-20	21-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 and over	Not Stated
HBD - under influence	1,569	-	210	331	335	225	166	97	71	32	30	26	33	13
HBD - not under influence	173	-	27	30	32	29	17	12	9	6	-	4	6	1
HBD - impairment unknown	296	-	57	49	63	38	40	15	4	5	5	5	9	6
TOTAL	2,038	-	294	410	430	292	223	124	84	43	35	35	48	20
Total drivers in fatal accidents	7,223	9	1,038	1,017	1,120	860	703	518	370	298	210	206	529	345
Percent had been drinking	28.2	0	28.3	40.3	38.4	34.0	31.7	23.9	22.7	14.4	16.7	17.0	9.1	5.8

TABLE 5I MOTOR VEHICLE DRIVERS IN INJURY ACCIDENTS BY AGE BY DEGREE OF ALCOHOL IMPAIRMENT - 1989

DEGREE OF ALCOHOL IMPAIRMENT	TOTAL	AGE												
		0-14	15-20	21-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 and over	Not Stated
HBD - under influence	26,106	6	3,273	4,961	5,605	4,202	2,821	1,796	1,115	760	562	364	478	163
HBD - not under influence	8,543	10	1,326	1,768	1,871	1,260	790	501	335	180	152	118	202	30
HBD - impairment unknown	3,865	2	461	659	706	457	309	191	128	84	62	40	57	709
TOTAL	38,514	18	5,060	7,388	8,182	5,919	3,920	2,488	1,578	1,024	776	522	737	902
Total drivers in injury accidents	422,252	563	63,793	55,485	65,674	53,568	41,444	31,668	21,878	15,926	13,010	11,198	23,734	24,311
Percent had been drinking	9.1	3.2	7.9	13.3	12.5	11.0	9.5	7.9	7.2	6.4	6.0	4.7	3.1	3.7

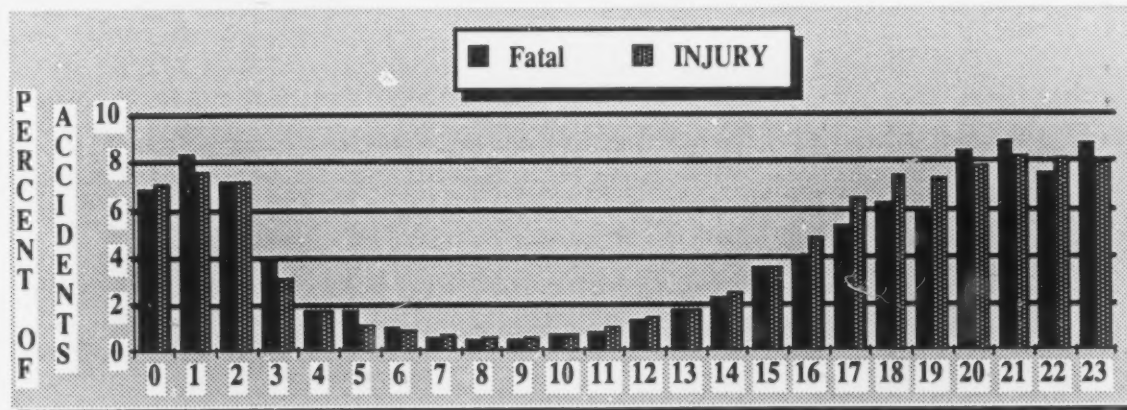
TABLE 5J HAD BEEN DRINKING DRIVERS IN FATAL AND INJURY ACCIDENTS BY SEX BY AGE - 1989

AGE	TOTAL	FATAL		INJURY	
		Male	Female	Male	Female
0-14	18	-	-	7	11
15	50	1	1	37	11
16	238	15	2	166	55
17	549	20	12	408	109
18	1,208	63	7	957	181
19	1,591	80	5	1,281	225
20	1,718	77	11	1,441	189
21	2,034	93	13	1,673	255
22	1,911	88	9	1,558	256
23	1,979	89	18	1,627	245
24	1,874	90	10	1,516	258
25	1,866	82	8	1,511	265
26	1,775	77	13	1,425	260
27	1,759	86	8	1,383	282
28	1,613	72	10	1,304	227
29	1,599	65	9	1,288	237
30	1,431	61	4	1,128	238
31	1,376	49	10	1,096	221
32	1,205	57	7	963	178
33	1,157	44	3	916	194
34	1,042	51	6	847	138
35	955	41	8	758	148
36	908	33	9	720	146
37	850	35	6	669	140
38	786	45	3	619	119
39	644	36	7	492	109
40	639	14	8	504	113
41	572	27	4	443	98
42	535	20	5	418	92
43	445	26	3	335	81
44	421	13	4	327	77
45	397	14	2	317	64
46	391	12	2	312	65
47	346	17	2	270	57
48	285	21	3	213	48
49	243	9	2	196	36
50	263	11	1	212	39
51	220	8	1	173	38
52	206	9	2	163	32
53	183	3	-	154	26
54	195	6	2	155	32
55	180	7	-	148	25
56	180	6	-	144	30
57	158	6	1	135	16
58	136	5	2	117	12
59	157	7	1	128	21
60	128	6	-	99	23
61	109	6	3	87	13
62	106	9	-	82	15
63	118	3	-	95	20
64	96	7	1	73	15
65 and over	785	42	6	622	115
Not stated	922	20	-	838	64
TOTAL	40,552	1,784	254	32,550	5,964

TABLE 5K ALCOHOL INVOLVED FATAL ACCIDENTS BY DAY OF WEEK BY HOUR OF DAY - 1989

HOUR OF DAY	DAY OF WEEK							
	TOTAL	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Midnight - 12:59 A.M.	154	15	14	17	17	25	29	37
1:00 - 1:59	187	21	11	14	16	18	57	50
2:00 - 2:59	161	16	9	15	13	16	45	47
3:00 - 3:59	87	6	8	6	3	11	34	19
4:00 - 4:59	39	3	3	1	3	4	13	12
5:00 - 5:59	40	3	-	1	3	4	16	13
6:00 - 6:59	23	6	1	4	1	1	5	5
7:00 - 7:59	13	2	-	1	2	2	2	4
8:00 - 8:59	12	2	-	2	2	1	3	2
9:00 - 9:59	12	3	-	-	-	4	2	3
10:00 - 10:59	16	1	3	2	2	3	1	4
11:00 - 11:59	18	3	2	1	1	5	4	2
TOTAL A.M.	762	81	51	64	63	94	211	198

FIGURE 9 PERCENT OF ALCOHOL INVOLVED FATAL AND INJURY ACCIDENTS BY HOUR OF DAY



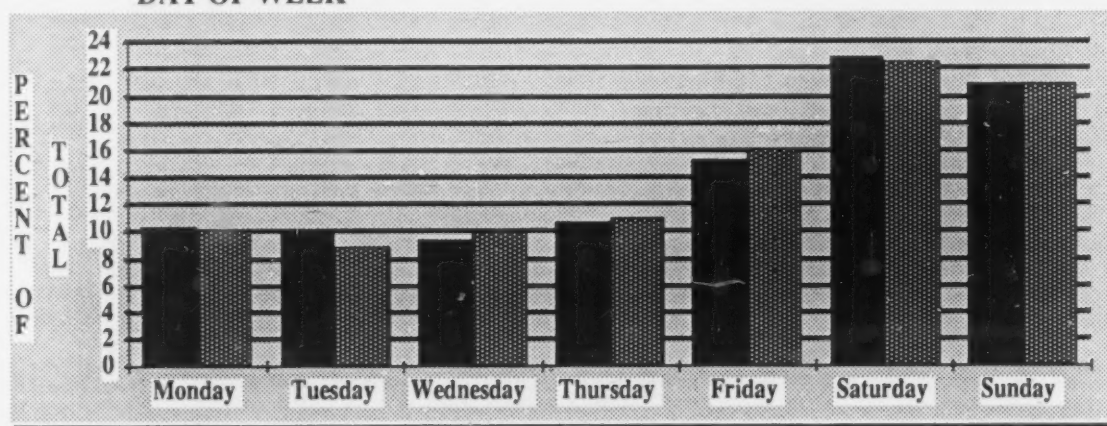
HOUR OF DAY	DAY OF WEEK							
	TOTAL	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Noon - 12:59 P.M.	29	3	4	3	5	6	4	4
1:00 - 1:59	40	2	6	5	5	7	8	7
2:00 - 2:59	52	5	5	7	6	7	12	10
3:00 - 3:59	79	12	9	11	5	16	15	11
4:00 - 4:59	88	11	9	5	10	12	19	22
5:00 - 5:59	119	13	24	8	11	8	27	28
6:00 - 6:59	140	9	15	15	24	20	26	31
7:00 - 7:59	134	11	19	5	16	18	38	24
8:00 - 8:59	191	24	17	31	18	35	31	35
9:00 - 9:59	200	27	25	17	22	40	35	34
10:00 - 10:59	169	16	23	14	22	34	37	23
11:00 - 11:59	198	15	18	20	28	44	42	31
TOTAL P.M.	1,439	148	174	144	172	247	294	260
Unknown	41	4	4	4	6	4	9	10
TOTAL	2,242	233	229	212	241	345	514	468

○ Hour and day of highest accidents.

TABLE 5L ALCOHOL INVOLVED INJURY ACCIDENTS BY DAY OF WEEK BY HOUR OF DAY - 1989

HOUR OF DAY	DAY OF WEEK							
	TOTAL	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Midnight - 12:59 A.M.	2,808	309	185	270	255	387	715	687
1:00 - 1:59	3,020	296	185	257	273	327	830	852
2:00 - 2:59	2,848	234	158	199	239	306	837	875
3:00 - 3:59	1,260	106	74	83	103	114	368	412
4:00 - 4:59	699	60	36	47	50	70	208	228
5:00 - 5:59	441	40	21	24	33	45	128	150
6:00 - 6:59	355	48	33	26	23	35	96	94
7:00 - 7:59	273	31	24	21	25	32	66	74
8:00 - 8:59	249	26	24	24	26	29	73	47
9:00 - 9:59	245	24	23	27	25	32	53	61
10:00 - 10:59	290	29	32	20	30	42	64	73
11:00 - 11:59	420	44	36	50	41	59	102	88
TOTAL A.M.	12,908	1,247	831	1,048	1,123	1,478	3,540	3,641

FIGURE 10 PERCENT OF ALCOHOL INVOLVED FATAL AND INJURY ACCIDENTS BY DAY OF WEEK



HOUR OF DAY	DAY OF WEEK							
	TOTAL	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Noon - 12:59 P.M.	554	82	59	52	61	63	135	102
1:00 - 1:59	688	64	60	85	74	113	151	141
2:00 - 2:59	990	115	86	107	106	165	217	194
3:00 - 3:59	1,389	162	161	148	165	209	286	258
4:00 - 4:59	1,888	231	189	208	212	304	388	356
5:00 - 5:59	2,591	304	279	276	294	439	489	510
6:00 - 6:59	2,936	289	306	352	346	470	579	594
7:00 - 7:59	2,887	302	286	312	361	478	559	589
8:00 - 8:59	3,114	305	303	337	402	571	612	584
9:00 - 9:59	3,267	348	344	347	445	628	639	516
10:00 - 10:59	3,232	330	339	367	421	698	640	437
11:00 - 11:59	3,163	267	277	330	370	779	736	404
TOTAL P.M.	26,699	2,799	2,689	2,921	3,257	4,917	5,431	4,685
Unknown	72	9	10	9	8	15	12	9
TOTAL	39,679	4,055	3,530	3,978	4,388	6,410	8,983	8,335

○ Hour and day of highest accidents.

TABLE 5M ALCOHOL INVOLVED FATAL ACCIDENTS BY COUNTY BY MONTH - 1989

COUNTY	TOTAL	MONTH											
		Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Alameda	63	6	8	7	4	8	8	4	3	5		3	3
Alpine	1	-	-	-	-	-	-	-	-	1	-	-	-
Amador	7	1	-	-	2	1	-	1	-	-	-	2	-
Butte	18	1	-	2	3	3	1	2	1	1	1	1	1
Calaveras	5	-	-	-	-	-	-	3	1	-	-	1	-
Colusa	7	-	1	-	-	-	1	1	1	1	-	-	2
Contra Costa	52	4	5	2	3	3	3	4	3	6	8	8	3
Del Norte	3	-	-	-	-	1	-	-	1	-	1	-	-
El Dorado	19	-	1	-	1	1	-	2	2	5	-	2	5
Fresno	73	5	8	2	4	7	5	9	10	5	7	4	7
Glenn	8	-	-	1	1	-	-	-	1	2	1	1	1
Humboldt	11	-	2	-	-	1	1	1	3	1	1	1	-
Imperial	31	-	1	4	4	1	3	4	6	1	-	2	5
Inyo	7	-	1	-	-	-	-	-	2	2	-	1	1
Kern	72	3	6	3	10	5	6	11	7	7	5	2	7
Kings	14	-	-	2	2	2	1	1	1	-	2	-	3
Lake	7	1	-	1	1	-	-	1	1	-	2	-	-
Lassen	5	-	-	2	-	1	-	2	-	-	-	-	-
Los Angeles	464	40	34	32	32	41	37	42	38	47	44	38	39
Madera	20	1	3	1	-	2	1	4	1	3	2	1	1
Marin	20	-	1	1	2	6	3	-	2	1	1	2	1
Mariposa	2	-	-	-	-	-	-	-	-	1	1	-	-
Mendocino	15	1	1	-	3	1	2	-	2	3	-	2	-
Merced	34	4	3	5	2	2	2	5	2	4	1	2	2
Modoc	4	-	-	-	2	-	1	1	-	-	-	-	-
Mono	1	-	-	-	-	-	-	-	-	-	1	-	-
Monterey	35	3	1	1	6	-	9	6	1	2	3	1	2
Napa	6	-	1	1	-	1	-	1	1	-	-	1	-
Nevada	11	-	-	-	2	2	1	3	-	-	1	1	1
Orange	114	11	9	8	7	8	8	9	14	17	10	10	3
Placer	25	2	4	2	1	1	3	2	2	1	2	2	3
Plumas	7	1	1	-	1	1	1	1	-	1	-	-	-
Riverside	142	14	6	19	15	16	15	13	14	10	8	5	7
Sacramento	67	2	5	7	7	5	4	9	12	1	6	6	3
San Benito	1	-	-	-	-	-	-	-	-	1	-	-	-
San Bernardino	158	8	8	14	9	18	13	14	21	16	16	9	12
San Diego	190	18	15	12	15	19	8	20	20	15	15	17	16
San Francisco	20	3	1	-	1	2	-	1	1	3	3	1	4
San Joaquin	67	4	6	7	4	5	5	3	4	9	7	5	8
San Luis Obispo	20	-	2	1	3	-	2	2	1	5	2	-	2
San Mateo	23	3	3	1	4	2	-	4	1	2	1	1	1
Santa Barbara	21	5	-	1	1	2	3	3	4	2	-	-	-
Santa Clara	71	4	5	9	6	6	3	5	6	4	12	7	4
Santa Cruz	14	-	3	-	1	-	-	2	3	1	1	1	2
Shasta	28	-	-	3	4	-	3	3	6	4	1	3	1
Sierra	1	-	-	-	-	1	-	-	-	-	-	-	-
Siskiyou	6	-	-	-	1	-	-	2	1	1	-	1	-
Solano	16	1	-	-	2	1	1	2	1	4	2	1	1
Sonoma	40	1	3	7	5	9	2	3	2	4	1	2	1
Stanislaus	32	4	1	2	5	1	5	5	1	3	1	3	1
Sutter	13	-	-	2	-	2	2	2	2	1	-	1	1
Tehama	13	-	1	-	-	1	-	2	4	1	2	1	1
Trinity	5	-	1	-	-	2	1	-	-	-	-	-	1
Tulare	61	2	4	4	6	8	3	11	2	7	5	7	2
Tuolumne	6	-	-	-	1	-	-	3	-	-	-	2	-
Ventura	42	3	4	10	4	2	1	7	1	-	6	3	1
Yolo	14	1	2	1	2	1	1	2	2	-	1	1	-
Yuba	10	1	-	-	1	2	-	1	-	1	2	2	-
TOTAL	2,242	158	161	178	190	204	169	239	215	212	190	167	159

TABLE 5N PERSONS KILLED IN ALCOHOL INVOLVED ACCIDENTS BY COUNTY BY MONTH - 1989

COUNTY	TOTAL	MONTH											
		Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Alameda	70	6	9	7	4	8	10	7	3	6	4	3	3
Alpine	1	-	-	-	-	-	-	-	-	1	-	-	-
Amador	7	1	-	-	2	1	-	1	-	-	-	2	-
Butte	19	1	-	4	3	3	1	2	1	1	1	1	1
Calaveras	6	-	-	-	-	-	-	4	1	-	-	1	-
Colusa	7	-	1	-	-	-	1	1	1	1	-	-	2
Contra Costa	56	4	5	3	3	3	4	4	3	6	9	9	3
Del Norte	3	-	-	-	-	1	-	-	1	-	1	-	-
El Dorado	20	-	1	-	1	1	-	3	2	5	-	2	5
Fresno	89	5	9	2	4	10	5	14	12	7	8	4	9
Glenn	8	-	-	1	1	-	-	-	1	2	1	1	1
Humboldt	11	-	2	-	-	1	1	1	3	1	1	1	-
Imperial	35	-	1	5	4	1	3	5	8	1	-	2	5
Inyo	8	-	2	-	-	-	-	-	2	2	-	1	1
Kern	83	4	7	5	10	5	8	12	9	7	5	2	9
Kings	21	-	-	5	2	2	3	1	1	-	3	-	4
Lake	10	3	-	1	1	-	-	2	1	-	2	-	-
Lassen	5	-	-	2	-	1	-	2	-	-	-	-	-
Los Angeles	497	41	38	37	33	42	37	47	39	52	47	44	40
Madera	29	2	3	1	-	3	2	6	2	5	3	1	1
Marin	21	-	1	1	3	6	3	-	2	1	1	2	1
Mariposa	2	-	-	-	-	-	-	-	-	1	1	-	-
Mendocino	16	1	1	-	3	1	2	-	2	4	-	2	-
Merced	48	4	6	7	2	3	2	12	2	4	2	2	2
Modoc	4	-	-	-	2	-	1	1	-	-	-	-	-
Mono	2	-	-	-	-	-	-	-	-	-	2	-	-
Monterey	41	3	1	1	8	-	9	9	1	2	4	1	2
Napa	6	-	1	1	-	1	-	1	1	-	-	1	-
Nevada	12	-	-	-	2	3	1	3	-	-	1	1	1
Orange	122	11	10	10	7	8	10	10	15	17	10	11	3
Placer	31	4	4	2	1	4	3	2	2	1	2	2	4
Plumas	7	1	1	-	1	1	1	1	-	1	-	-	-
Riverside	181	19	9	25	15	23	21	14	18	11	8	9	9
Sacramento	75	2	6	8	7	6	6	10	12	1	7	7	3
San Benito	1	-	-	-	-	-	-	-	-	1	-	-	-
San Bernardino	177	8	13	16	12	19	15	15	24	17	17	9	12
San Diego	201	18	16	14	16	21	9	20	20	16	18	17	16
San Francisco	21	3	1	-	2	2	-	1	1	3	3	1	4
San Joaquin	77	4	6	7	5	6	6	3	4	16	7	5	8
San Luis Obispo	22	-	2	1	3	-	2	2	2	5	-	-	3
San Mateo	23	3	3	1	4	2	-	4	1	2	1	1	1
Santa Barbara	26	8	-	1	1	3	4	3	4	2	-	-	-
Santa Clara	74	5	5	10	6	6	3	5	6	4	12	8	4
Santa Cruz	18	-	3	-	2	-	-	3	3	2	1	1	3
Shasta	30	-	-	3	4	-	3	3	6	4	1	5	1
Sierra	1	-	-	-	-	1	-	-	-	-	-	-	-
Siskiyou	6	-	-	-	1	-	-	2	1	1	-	1	-
Solano	17	1	-	-	2	1	1	2	1	5	2	1	1
Sonoma	46	1	4	7	7	9	3	4	2	5	1	2	1
Stanislaus	35	4	1	3	5	1	5	5	1	3	1	5	1
Sutter	13	-	-	2	-	2	2	2	2	1	-	1	1
Tehama	13	-	1	-	-	1	-	2	4	1	2	1	1
Trinity	5	-	1	-	-	2	1	-	-	-	-	-	1
Tulare	70	2	6	5	8	8	3	12	2	9	5	8	2
Tuolumne	6	-	-	-	1	-	-	3	-	-	-	2	-
Ventura	47	3	4	12	4	2	1	9	1	-	7	3	1
Yolo	14	1	2	1	2	1	1	2	2	-	1	1	-
Yuba	13	1	-	-	1	3	-	2	-	1	3	2	-
TOTAL	2,509	174	186	211	205	228	193	279	232	238	207	186	170

TABLE 50 ALCOHOL INVOLVED INJURY ACCIDENTS BY COUNTY BY MONTH - 1989

COUNTY	TOTAL	MONTH											
		Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Alameda	1,409	133	118	116	123	111	89	129	113	122	126	111	118
Alpine	3	-	-	1	-	1	1	-	-	-	-	-	-
Amador	63	5	4	8	3	6	2	3	9	7	7	4	5
Butte	307	23	20	22	30	23	31	32	25	32	20	23	26
Calaveras	83	2	4	5	9	9	6	6	10	7	8	5	12
Colusa	38	2	1	3	7	2	4	5	2	4	2	3	3
Contra Costa	853	61	58	74	58	68	83	73	79	75	70	70	84
Del Norte	43	2	3	4	1	2	4	3	3	4	9	5	3
El Dorado	271	20	14	17	23	33	29	26	24	20	23	22	20
Fresno	1,041	69	71	83	92	88	81	97	87	100	97	92	84
Glenn	55	-	3	5	6	6	6	1	7	3	7	5	6
Humboldt	165	11	10	12	19	19	12	15	14	16	12	11	14
Imperial	228	23	16	24	27	22	17	11	18	16	17	16	21
Inyo	50	5	4	3	2	5	6	6	2	5	5	4	3
Kern	815	68	51	75	64	61	68	77	71	73	78	58	71
Kings	110	9	6	16	9	11	7	9	6	14	9	9	5
Lake	133	6	5	6	14	17	17	12	14	13	9	11	9
Lassen	45	1	3	-	2	3	6	6	6	6	4	5	3
Los Angeles	10,853	790	841	925	937	927	859	897	853	931	944	954	995
Madera	159	8	11	11	19	18	9	18	10	21	15	9	10
Marin	239	26	11	20	16	24	28	21	25	21	15	12	20
Mariposa	41	-	2	3	4	4	4	1	5	3	4	3	8
Mendocino	185	5	19	19	14	16	14	19	21	18	6	17	17
Merced	257	12	18	22	23	22	21	22	22	33	19	22	21
Modoc	21	-	1	-	1	2	2	2	1	2	5	1	4
Mono	41	3	5	3	3	4	3	5	3	4	1	4	3
Monterey	468	29	31	37	48	43	39	43	45	35	41	38	39
Napa	203	10	12	12	18	25	19	18	11	21	21	13	23
Nevada	134	5	7	7	14	9	15	20	13	14	9	10	11
Orange	3,059	207	257	243	246	251	263	273	287	246	240	272	274
Placer	277	18	20	26	28	28	20	35	19	21	20	19	23
Plumas	39	3	4	2	1	4	2	7	5	3	2	3	3
Riverside	1,625	107	115	157	147	151	132	126	143	108	137	143	159
Sacramento	1,617	108	103	169	128	147	147	151	123	120	141	147	133
San Benito	65	2	5	6	3	3	7	10	7	6	1	7	8
San Bernardino	2,118	151	141	176	160	141	184	190	209	158	189	210	209
San Diego	3,245	222	257	273	272	298	273	300	245	254	288	269	294
San Francisco	736	67	62	63	52	63	54	51	58	66	60	72	68
San Joaquin	796	62	56	49	65	79	61	87	62	63	81	65	66
San Luis Obispo	313	18	14	24	26	29	27	28	27	36	32	31	21
San Mateo	636	54	43	60	59	54	53	66	38	51	53	59	46
Santa Barbara	448	34	37	35	39	23	42	44	39	37	44	41	33
Santa Clara	1,891	130	154	170	162	142	125	189	168	152	194	152	153
Santa Cruz	410	28	28	31	38	37	38	51	27	32	36	30	34
Shasta	273	21	18	19	20	24	20	26	20	25	29	21	30
Sierra	11	-	1	1	-	4	2	2	-	-	1	-	-
Siskiyou	84	3	-	5	12	10	4	13	9	7	7	8	6
Solano	463	31	34	35	39	40	42	36	37	42	46	40	41
Sonoma	639	43	49	58	47	55	54	55	66	45	57	54	56
Stanislaus	547	33	31	46	51	46	54	40	40	51	50	59	46
Sutter	101	8	7	13	5	10	8	13	5	11	9	7	5
Tehama	88	5	7	2	5	6	2	7	9	6	17	10	12
Trinity	36	3	2	1	5	4	5	2	2	3	4	3	2
Tulare	488	34	28	41	44	38	46	48	52	43	44	40	30
Tuolumne	121	5	8	14	10	11	14	12	14	13	5	8	7
Ventura	881	66	61	79	80	59	76	78	61	75	94	88	64
Yolo	254	21	20	13	16	23	19	20	23	18	24	24	33
Yuba	105	9	11	6	8	6	3	9	9	8	11	10	15
TOTAL	39,679	2,821	2,922	3,350	3,354	3,367	3,259	3,546	3,303	3,320	3,499	3,429	3,509

TABLE 5P PERSONS INJURED IN ALCOHOL INVOLVED ACCIDENTS BY COUNTY BY MONTH - 1989

COUNTY	TOTAL	MONTH											
		Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Alameda	2,144	190	190	188	176	188	128	203	176	192	192	148	173
Alpine	8	-	-	1	-	1	5	-	-	1	-	-	-
Amador	94	8	6	10	6	8	3	4	11	11	10	9	8
Butte	534	38	32	40	54	52	54	56	39	53	41	31	44
Calaveras	128	2	9	11	16	14	8	9	12	7	14	10	16
Colusa	64	3	2	4	10	5	7	11	2	5	3	5	7
Contra Costa	1,310	90	78	117	89	104	135	119	120	123	105	105	125
Del Norte	60	2	4	6	3	3	6	3	4	6	11	7	5
El Dorado	422	32	20	24	33	47	39	51	36	33	35	40	32
Fresno	1,755	130	124	130	158	154	131	166	159	166	170	139	128
Glenn	77	-	3	8	10	9	8	1	10	5	8	7	8
Humboldt	243	12	16	16	28	27	18	20	20	26	22	16	22
Imperial	424	45	25	52	50	43	36	23	28	21	32	26	43
Inyo	88	8	8	8	4	8	7	11	3	9	7	12	3
Kern	1,387	109	84	129	102	110	105	142	148	123	136	92	107
Kings	207	12	10	32	14	26	21	18	12	20	17	13	12
Lake	195	8	7	9	19	24	25	17	19	23	21	13	10
Lassen	79	2	4	-	2	7	10	22	7	7	6	9	3
Los Angeles	1,801	1,321	1,313	1,494	1,536	1,479	1,383	1,576	1,418	1,573	1,537	1,551	1,620
Madera	285	14	20	16	35	27	15	35	19	43	25	17	19
Marin	369	30	17	28	27	48	44	30	42	35	21	18	29
Mariposa	63	-	4	4	5	5	10	1	10	3	8	4	9
Mendocino	290	8	28	24	25	23	29	26	32	31	10	28	26
Merced	468	26	29	52	51	34	41	46	27	51	37	38	36
Modoc	36	-	2	-	4	4	2	2	1	2	11	2	6
Mono	64	3	9	3	5	6	3	13	3	7	2	5	5
Monterey	754	55	50	59	85	66	73	84	62	57	56	54	53
Napa	330	16	14	22	32	34	38	39	14	31	32	21	37
Nevada	199	7	11	7	21	12	25	27	20	19	15	19	16
Orange	4,848	344	417	386	369	369	440	468	479	378	375	402	421
Placer	445	35	31	42	40	44	45	59	30	29	25	28	37
Plumas	66	6	10	2	1	9	3	11	6	7	2	4	5
Riverside	2,691	192	195	289	242	248	216	197	239	179	206	214	274
Sacramento	2,558	173	174	254	191	199	251	225	217	200	238	227	209
San Benito	119	6	6	17	5	3	11	22	13	13	1	10	12
San Bernardino	3,551	268	233	309	245	242	300	306	355	280	320	357	336
San Diego	5,115	331	415	433	431	482	430	463	406	411	429	414	470
San Francisco	1,166	112	92	88	91	109	85	92	84	105	88	114	106
San Joaquin	1,319	93	89	72	112	143	109	144	102	99	132	101	123
San Luis Obispo	494	25	19	33	49	38	40	44	52	61	49	44	40
San Mateo	943	75	63	89	98	88	80	101	59	68	76	83	63
Santa Barbara	669	51	46	53	58	41	61	64	54	52	61	69	59
Santa Clara	2,820	181	236	240	239	204	191	291	279	243	287	203	226
Santa Cruz	609	34	44	46	51	56	60	73	47	47	56	43	52
Shasta	428	27	26	27	32	41	27	51	36	40	44	35	42
Sierra	26	-	1	1	-	14	2	6	-	-	2	-	-
Siskiyou	121	4	-	11	17	12	5	19	12	10	11	12	8
Solano	757	41	50	62	69	67	74	62	69	66	78	55	64
Sonoma	998	64	72	90	77	99	73	85	87	76	91	96	88
Stanislaus	892	59	42	80	88	66	90	79	69	79	73	90	77
Sutter	172	11	13	19	8	16	10	22	14	25	11	13	10
Tehama	141	5	10	4	8	8	4	17	14	13	26	12	20
Trinity	62	8	3	3	7	8	8	4	5	3	5	3	5
Tulare	912	63	55	69	93	69	99	91	89	67	97	76	44
Tuolumne	180	6	12	19	14	17	19	20	17	24	7	14	11
Ventura	1,416	109	94	141	134	89	122	128	96	113	147	143	100
Yolo	378	28	28	18	20	32	25	28	38	25	39	41	56
Yuba	163	17	14	8	11	9	4	19	16	10	19	13	23
TOTAL	63,937	4,539	4,609	5,399	5,400	5,390	5,293	5,946	5,438	5,406	5,579	5,355	5,583

TABLE 5Q PERSONS KILLED AND INJURED IN ALCOHOL INVOLVED ACCIDENTS BY AGE BY VICTIM CLASSIFICATION - 1989

AGE	V I C T I M S											
	TOTAL		Motor Vehicle Driver		Passenger		Pedestrian		Bicyclist		Motorcyclist*	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
0-4	17	971	-	8	14	900	3	62	-	1	-	2
5	1	227	-	-	1	205	-	15	-	7	-	-
6	5	224	-	-	3	202	2	12	-	10	-	-
7	3	212	-	-	2	183	1	15	-	14	-	1
8	3	257	-	-	1	228	1	19	1	10	-	5
9	3	255	-	1	2	229	-	15	1	10	-	3
10	1	260	-	1	-	231	1	16	-	12	-	3
11	3	212	-	1	3	184	-	14	-	13	-	1
12	6	227	-	-	3	194	1	10	2	23	-	4
13	7	248	-	3	4	219	3	14	-	12	-	5
14	6	371	-	15	6	317	-	21	-	18	-	9
15	14	587	1	50	11	496	2	20	-	21	2	20
16	40	1,075	12	315	24	709	3	29	1	22	3	38
17	55	1,598	21	616	31	924	2	27	1	31	6	55
18	89	2,644	45	1,300	41	1,265	2	55	1	24	13	127
19	96	2,891	39	1,590	42	1,206	13	65	2	30	3	190
20	88	2,856	54	1,646	27	1,108	5	60	2	42	14	197
21	103	3,145	60	1,878	38	1,135	4	88	1	44	21	210
22	103	2,829	60	1,718	25	974	17	77	1	60	16	208
23	91	2,702	59	1,742	27	832	4	82	1	46	13	199
24	106	2,705	63	1,741	30	829	9	80	4	55	15	213
25	93	2,589	60	1,712	23	751	10	88	-	38	23	187
26	93	2,360	60	1,597	18	653	14	78	1	32	22	176
27	97	2,324	68	1,580	14	614	15	81	-	49	13	163
28	84	2,226	56	1,498	15	584	13	98	-	46	16	147
29	80	2,072	54	1,407	10	552	15	71	1	42	14	154
30	64	1,925	37	1,312	14	494	10	86	3	33	12	154
31	61	1,752	44	1,240	5	414	12	80	-	18	9	136
32	73	1,602	47	1,138	13	357	11	77	2	30	10	104
33	64	1,533	38	1,072	10	356	14	78	2	27	16	85
34	54	1,381	37	953	8	346	8	60	1	22	11	82
35	50	1,303	36	937	6	282	7	61	1	23	7	74
36	53	1,213	33	835	10	284	10	74	-	20	8	67
37	47	1,097	34	783	7	252	6	47	-	15	7	78
38	49	1,072	30	756	13	245	6	55	-	16	6	58
39	39	873	31	614	4	191	4	53	-	15	3	49
40	33	892	16	618	10	211	7	48	-	15	7	52
41	41	817	23	592	9	168	9	50	-	7	2	36
42	35	804	21	557	3	183	9	53	2	11	1	38
43	40	632	27	458	6	134	7	31	-	9	3	30
44	30	622	14	444	9	133	7	38	-	7	3	21
45	19	594	12	418	4	136	3	37	-	3	2	30
46	22	524	14	372	3	115	5	36	-	1	-	25
47	29	480	17	341	7	104	5	30	-	5	3	23
48	29	429	23	303	1	106	5	15	-	5	5	16
49	15	375	10	243	3	93	1	26	1	3	1	8
50	19	415	10	281	4	112	5	20	-	2	3	8
51	16	344	8	229	-	93	8	17	-	5	1	7
52	17	317	12	208	-	85	4	20	1	4	2	8
53	11	293	4	202	2	68	5	21	-	2	-	5
54	9	275	5	188	2	70	2	11	-	6	-	5
55	9	267	5	174	2	71	2	19	-	3	-	8
56	11	285	7	205	-	62	4	16	-	2	-	5
57	8	239	6	165	-	57	2	14	-	3	-	3
58	11	217	5	137	1	53	4	23	1	4	-	2
59	13	239	7	163	1	58	5	18	-	-	-	3
60 and over	194	2,297	84	1,421	49	717	60	151	1	8	3	13
Not stated	57	762	8	121	18	597	31	32	-	12	-	25
TOTAL	2,509	63,937	1,417	37,899	639	22,381	418	2,609	35	1,048	319	3,575

* Motorcyclist included under Motor Vehicle Driver & Passenger categories.

Section 6

TRUCK INVOLVED ACCIDENTS



1989 Annual Report

TABLE 6A FATAL AND INJURY TRUCK ACCIDENTS BY MONTH BY YEAR 1985 - 1989

MONTH	Y E A R									
	1985		1986		1987		1988		1989	
	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
January	43	873	48	867	40	730	37	849	46	970
February	40	740	41	821	31	840	35	784	39	846
March	45	828	40	823	40	815	46	854	45	1,006
April	33	824	38	809	35	841	57	947	33	847
May	28	766	31	830	49	866	43	909	45	978
June	53	875	45	937	48	896	46	977	45	941
July	37	887	52	1,013	57	965	47	998	45	980
August	61	965	60	974	57	963	60	1,152	51	1,072
September	37	857	53	998	58	977	53	1,012	67	1,021
October	46	943	73	1,027	45	1,121	44	1,009	58	1,048
November	41	906	53	840	38	974	50	1,020	35	1,003
December	30	846	45	924	54	961	44	1,087	42	896
TOTAL	494	10,310	579	10,863	552	10,949	562	11,598	551	11,608

TABLE 6B PERSONS KILLED AND INJURED IN TRUCK ACCIDENTS BY MONTH BY YEAR 1985 - 1989

MONTH	Y E A R									
	1985		1986		1987		1988		1989	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
January	52	1,247	55	1,233	43	1,024	40	1,246	54	1,534
February	42	1,091	46	1,193	36	1,227	38	1,168	43	1,200
March	50	1,260	50	1,216	46	1,184	48	1,210	49	1,519
April	43	1,204	45	1,209	38	1,273	64	1,424	42	1,279
May	34	1,155	35	1,183	54	1,276	47	1,367	51	1,533
June	64	1,392	46	1,388	60	1,355	54	1,427	55	1,414
July	39	1,323	69	1,517	68	1,473	55	1,558	52	1,499
August	76	1,494	69	1,474	64	1,494	68	1,717	59	1,645
September	51	1,218	64	1,490	64	1,469	62	1,477	83	1,628
October	66	1,448	82	1,558	49	1,625	53	1,443	64	1,538
November	49	1,297	64	1,268	47	1,414	61	1,489	42	1,539
December	34	1,207	53	1,368	64	1,496	49	1,640	53	1,375
TOTAL	600	15,336	678	16,097	633	16,310	639	17,166	647	17,703

TABLE 6C FATAL AND INJURY TRUCK ACCIDENTS BY COUNTY BY YEAR 1985 - 1989

COUNTY	Y E A R									
	1985		1986		1987		1988		1989	
	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
Alameda	20	563	15	575	20	563	10	535	11	548
Alpine	-	2	-	1	-	2	-	1	-	-
Amador	2	9	3	8	2	16	4	8	-	13
Butte	2	42	2	42	4	37	3	52	1	50
Calaveras	-	10	1	9	2	12	2	13	-	12
Colusa	-	16	-	18	-	12	2	14	3	9
Contra Costa	11	248	8	239	12	251	6	263	5	265
Del Norte	2	11	-	13	2	6	1	14	2	19
El Dorado	6	32	2	30	3	32	2	44	3	46
Fresno	22	257	24	315	17	290	29	293	20	330
Glenn	1	15	2	18	1	17	1	10	1	17
Humboldt	8	43	5	36	8	52	6	50	1	45
Imperial	9	70	12	71	7	76	10	66	9	62
Inyo	2	11	1	1	1	4	1	6	2	6
Kern	32	371	39	293	40	334	33	312	26	322
Kings	4	31	1	45	5	53	6	54	4	48
Lake	-	18	3	12	3	17	3	21	1	20
Lassen	2	35	3	18	-	20	-	20	2	23
Los Angeles	108	3,375	106	3,553	101	3,609	128	3,782	110	3,683
Madera	-	40	4	52	8	55	10	81	9	62
Marin	2	58	4	63	-	52	-	52	4	50
Mariposa	-	5	-	3	-	5	-	5	-	4
Mendocino	7	57	10	63	5	43	3	54	4	45
Merced	17	126	9	149	5	120	15	133	14	166
Modoc	2	5	1	5	1	8	-	14	1	6
Mono	-	15	1	12	2	6	2	10	1	11
Monterey	6	106	13	112	8	111	6	106	10	120
Napa	2	30	3	32	2	36	3	32	3	45
Nevada	4	40	3	35	2	29	1	57	5	40
Orange	19	693	23	690	31	729	23	767	23	724
Placer	4	64	4	74	2	96	6	99	8	79
Plumas	2	29	2	11	1	16	2	19	1	11
Riverside	27	368	36	462	37	432	48	464	36	530
Sacramento	17	293	15	368	13	363	8	343	22	401
San Benito	1	15	-	10	4	13	1	14	-	23
San Bernardino	34	517	42	632	50	676	51	775	40	762
San Diego	22	633	36	647	28	600	25	650	26	670
San Francisco	5	211	2	206	2	193	3	226	3	209
San Joaquin	13	227	25	264	17	255	19	286	21	282
San Luis Obispo	8	59	10	50	7	68	6	44	4	52
San Mateo	3	139	3	136	4	132	1	135	9	153
Santa Barbara	3	88	6	78	6	103	3	102	6	67
Santa Clara	14	389	14	354	8	370	13	380	8	376
Santa Cruz	2	66	6	67	3	74	1	60	2	69
Shasta	2	63	6	71	13	48	7	89	8	78
Sierra	-	6	1	6	-	6	1	6	-	5
Siskiyou	2	32	3	28	4	48	3	38	1	42
Solano	3	85	6	90	1	95	6	133	6	123
Sonoma	5	106	9	121	7	131	3	124	10	136
Stanislaus	6	151	16	163	17	151	8	156	19	173
Sutter	2	25	3	17	2	24	4	31	7	32
Tehama	1	25	5	28	4	23	7	56	2	34
Trinity	3	9	1	14	3	15	4	27	2	10
Tulare	9	98	12	142	11	127	9	143	17	158
Tuolumne	1	17	1	16	-	20	-	20	-	19
Ventura	9	193	9	215	10	202	6	219	8	236
Yolo	5	47	5	62	3	50	6	65	8	66
Yuba	1	21	3	18	3	21	1	25	2	21
TOTAL	494	10,310	579	10,863	552	10,949	562	11,598	551	11,608

TABLE 6D PERSONS KILLED AND INJURED IN TRUCK INVOLVED ACCIDENTS BY COUNTY 1985 - 1989

COUNTY	YEAR									
	1985		1986		1987		1988		1989	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Alameda	23	873	17	838	20	842	11	731	11	736
Alpine	-	3	-	1	-	5	-	2	-	-
Amador	3	16	4	11	2	25	5	12	-	15
Butte	2	84	2	58	4	51	3	77	1	72
Calaveras	-	11	2	13	2	18	2	23	-	17
Colusa	-	22	-	35	-	19	2	23	4	17
Contra Costa	12	356	8	347	12	341	7	354	5	390
Del Norte	2	15	-	18	2	11	1	28	2	27
El Dorado	7	53	2	57	4	42	2	57	3	71
Fresno	29	393	29	525	20	495	39	486	25	529
Glenn	2	18	2	21	1	27	1	14	1	25
Humboldt	8	67	6	47	10	74	8	68	1	66
Imperial	12	106	15	122	11	106	10	114	13	110
Inyo	3	16	1	1	1	6	1	7	2	7
Kern	39	616	45	494	50	584	37	485	32	564
Kings	4	51	3	62	5	90	6	110	6	81
Lake	-	27	3	18	4	21	4	37	1	29
Lassen	3	47	6	28	-	29	-	31	2	39
Los Angeles	120	5,089	116	5,185	110	5,420	138	5,636	117	5,682
Madera	-	55	6	93	11	89	14	123	14	91
Marin	2	101	5	80	-	73	-	74	5	72
Mariposa	-	6	-	4	-	9	-	5	-	13
Mendocino	7	91	11	92	6	59	3	70	4	67
Merced	24	214	13	243	6	201	20	201	18	307
Modoc	2	11	2	7	1	8	-	16	1	8
Mono	-	25	1	31	3	9	2	19	1	16
Monterey	11	156	14	164	10	176	8	145	10	185
Napa	3	51	3	45	2	48	4	49	3	64
Nevada	4	83	3	58	2	54	1	94	7	63
Orange	23	941	24	1,002	32	1,042	27	1,089	26	1,058
Placer	7	82	4	97	3	122	6	178	12	130
Plumas	2	38	3	15	1	28	2	24	1	11
Riverside	37	532	42	715	38	655	53	701	43	873
Sacramento	27	425	17	530	16	531	8	483	26	563
San Benito	1	20	-	14	4	19	1	22	-	37
San Bernardino	42	802	51	947	61	1,000	58	1,159	46	1,146
San Diego	22	877	41	903	32	868	31	922	31	995
San Francisco	6	282	2	290	2	250	3	341	4	285
San Joaquin	19	355	26	383	20	378	21	468	32	508
San Luis Obispo	9	101	14	91	9	117	6	70	4	76
San Mateo	3	189	3	201	4	184	1	197	10	198
Santa Barbara	3	127	6	125	6	156	4	157	6	99
Santa Clara	15	535	18	479	10	508	14	538	8	562
Santa Cruz	2	95	6	97	4	100	2	84	2	96
Shasta	2	95	9	104	17	72	8	117	8	112
Sierra	-	7	1	9	-	8	1	7	-	5
Siskiyou	2	44	3	40	4	82	3	54	1	56
Solano	5	116	7	133	3	134	7	205	6	176
Sonoma	5	140	9	162	7	181	4	179	16	191
Stanislaus	6	231	27	250	22	222	8	220	22	250
Sutter	2	40	3	21	2	37	4	39	7	68
Tehama	1	38	6	39	5	37	8	87	2	46
Trinity	3	15	1	18	3	17	6	37	2	19
Tulare	14	160	15	279	11	194	10	245	23	282
Tuolumne	1	25	1	17	-	27	-	28	-	23
Ventura	13	270	9	332	11	303	6	304	9	346
Yolo	5	65	8	82	4	75	7	86	8	96
Yuba	1	33	3	24	3	31	1	34	3	33
TOTAL	600	15,336	678	16,097	633	16,310	639	17,166	647	17,703

TABLE 6E FATAL ACCIDENTS WHERE TRUCK DRIVER WAS AT FAULT BY AGE BY PRIMARY COLLISION FACTOR - 1989

PRIMARY COLLISION FACTOR	TOTAL	AGE												
		0-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 and over	Not Stated
Driving under the influence of alcohol and/or drugs	16	-	1	2	1	1	4	3	1	-	-	2	-	1
Pedestrian under the influence of alcohol and/or drugs	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Impeding traffic	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Speed	48	-	1	5	3	11	7	6	4	6	-	2	1	2
Following too closely	1	-	-	-	-	-	1	-	-	-	-	-	-	-
Wrong side of road	13	-	-	1	3	-	3	1	2	1	-	1	1	-
Improper passing	3	-	1	1	-	-	-	-	-	-	-	1	-	-
Changing lane unsafely	17	1	1	3	1	1	3	1	-	1	2	-	-	3
Improper turning	14	-	1	-	4	-	2	1	2	1	1	1	1	-
Auto right-of-way	11	-	-	2	1	1	4	1	-	-	2	-	-	-
Pedestrian right-of-way	4	-	-	-	2	-	-	1	1	-	-	-	-	-
Pedestrian violation	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stop signals and signs	11	-	-	3	4	1	-	1	-	1	-	-	1	-
Unsafe starting and backing	4	-	-	-	1	-	3	-	-	-	-	-	-	-
Hazardous parking	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brakes	3	-	-	-	1	-	1	-	-	-	-	-	1	-
Other equipment	5	-	-	-	2	1	-	1	-	-	1	-	-	-
Other hazardous conditions	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Other improper driving	3	-	1	-	-	-	-	1	-	-	-	-	-	-
Fell asleep	5	-	-	1	-	1	1	-	1	1	-	-	-	-
Other than driver	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown cause	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	159	1	7	18	23	18	29	17	11	11	6	7	5	6

TABLE 6F INJURY ACCIDENTS WHERE TRUCK DRIVER WAS AT FAULT BY AGE BY PRIMARY COLLISION FACTOR - 1989

PRIMARY COLLISION FACTOR	TOTAL	AGE												
		0-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 and over	Not Stated
Driving under the influence of alcohol and/or drugs	149	-	2	17	28	24	32	14	11	8	7	1	2	3
Pedestrian under the influence of alcohol and/or drugs	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Impeding traffic	5	-	-	-	1	-	-	-	-	1	1	1	-	1
Speed	1,929	1	55	298	393	346	269	147	146	95	56	40	24	59
Following too closely	221	-	7	30	55	24	30	17	19	10	7	6	3	13
Wrong side of road	209	-	8	17	32	29	36	21	16	14	9	5	1	21
Improper passing	50	-	1	4	3	7	7	3	5	3	3	2	3	9
Changing lane unsafely	947	-	5	66	134	138	113	93	97	59	41	22	17	162
Improper turning	530	-	16	71	88	89	59	57	44	30	21	15	8	32
Auto right-of-way	500	-	15	75	97	87	63	43	30	21	24	20	6	19
Pedestrian right-of-way	36	-	1	4	6	7	4	3	1	2	2	1	-	5
Pedestrian violation	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Stop signals and signs	241	-	16	49	40	31	31	24	16	10	2	6	3	13
Unsafe starting and backing	170	-	7	21	37	31	25	16	7	8	4	2	2	10
Hazardous parking	14	-	-	1	2	-	-	-	1	-	-	-	-	10
Lights	3	-	-	-	1	-	1	1	-	-	-	-	-	-
Brakes	118	-	3	22	31	22	15	7	4	2	5	3	1	3
Other equipment	70	-	2	6	15	12	8	11	4	3	2	4	1	2
Other hazardous conditions	156	-	2	12	24	20	18	13	17	6	6	6	-	32
Other improper driving	88	-	3	8	12	21	12	11	7	2	2	-	-	10
Fell asleep	69	-	1	14	11	16	8	6	7	2	4	-	-	-
Other than driver	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown cause	39	-	1	4	7	3	4	5	2	2	-	-	1	10
TOTAL	5,545	1	145	719	1,017	907	735	492	434	278	196	134	72	415

**TABLE 6G PERSONS KILLED IN TRUCK ACCIDENTS WHERE TRUCK DRIVER WAS AT FAULT BY
PRIMARY COLLISION FACTOR - 1989**

PRIMARY COLLISION FACTOR	TOTAL	VICTIM AGE												
		0-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 and over	Not Stated
Driving under the influence of alcohol and/or drugs	24	1	5	3	3	2	2	3	1	-	-	1	3	-
Pedestrian under the influence of alcohol and/or drugs	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Impeding traffic	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Speed	64	2	9	4	4	8	8	12	6	2	1	2	6	-
Following too closely	1	-	-	1	-	-	-	-	-	-	-	-	-	-
Wrong side of road	15	-	-	-	2	1	4	2	1	1	1	1	1	1
Improper passing	4	-	1	-	-	-	-	2	-	-	-	-	1	-
Changing lane unsafely	18	3	2	3	2	1	1	1	-	1	2	1	1	-
Improper turning	16	-	1	-	5	-	-	2	2	2	1	1	2	-
Auto right-of-way	12	-	3	-	2	1	4	1	-	1	-	-	-	-
Pedestrian right-of-way	4	-	-	-	-	-	-	-	-	-	-	-	3	1
Pedestrian violation	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stop signals and signs	13	2	-	-	1	1	3	-	1	1	-	2	2	-
Unsafe starting and backing	4	-	-	1	1	-	-	-	-	1	-	-	1	-
Hazardous parking	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brakes	3	-	-	-	1	-	1	-	-	-	-	-	1	-
Other equipment	5	-	1	-	-	1	-	1	-	-	2	-	-	-
Other hazardous conditions	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Other improper driving	3	-	1	-	-	1	-	1	-	-	-	-	-	-
Fell asleep	6	-	-	1	1	1	-	-	2	1	-	-	-	-
Other than driver	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown cause	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	193	8	24	13	22	17	23	25	13	10	7	8	21	2

**TABLE 6H PERSONS INJURED IN TRUCK ACCIDENTS WHERE TRUCK DRIVER WAS AT FAULT BY
PRIMARY COLLISION FACTOR - 1989**

PRIMARY COLLISION FACTOR	TOTAL	VICTIM AGE												
		0-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 and over	Not Stated
Driving under the influence of alcohol and/or drugs	272	28	14	31	46	36	36	18	15	12	7	6	7	16
Pedestrian under the influence of alcohol and/or drugs	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Impeding traffic	5	-	1	1	2	-	1	-	-	-	-	-	-	-
Speed	3,178	173	158	403	453	437	392	312	240	181	125	106	175	23
Following too closely	370	29	20	48	49	55	41	33	24	15	18	12	23	3
Wrong side of road	324	15	33	22	49	45	43	30	20	20	13	13	14	7
Improper passing	67	3	6	10	7	9	5	8	6	1	3	4	5	-
Changing lane unsafely	1,393	81	108	201	207	160	171	127	85	70	58	47	70	8
Improper turning	745	48	59	118	121	106	83	73	37	28	21	20	24	7
Auto right-of-way	690	50	70	123	123	81	68	40	34	25	26	11	37	2
Pedestrian right-of-way	38	3	2	-	3	-	3	4	3	3	1	5	11	-
Pedestrian violation	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Stop signals and signs	434	39	41	62	59	64	39	23	33	17	12	11	27	7
Unsafe starting and backing	203	20	16	20	26	30	24	23	17	6	4	7	9	1
Hazardous parking	30	2	1	3	3	3	1	7	2	1	2	-	3	2
Lights	4	-	-	-	2	1	1	-	-	-	-	-	-	-
Brakes	212	15	17	29	41	30	22	15	12	8	9	3	7	4
Other equipment	88	-	4	15	14	12	12	11	3	6	2	6	3	-
Other hazardous conditions	197	7	16	21	30	27	25	16	23	11	5	7	9	-
Other improper driving	119	2	5	20	21	15	17	13	8	2	3	4	9	-
Fell asleep	89	1	2	15	14	19	12	10	6	2	5	1	1	1
Other than driver	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown cause	53	3	1	8	6	7	5	6	2	3	2	2	7	1
TOTAL	8,512	520	574	1,150	1,276	1,137	1,001	769	570	411	316	265	441	82

**TABLE 6I FATAL AND INJURY TRUCK ACCIDENTS WHERE TRUCK DRIVER WAS AT FAULT BY YEAR
BY PRIMARY COLLISION FACTOR 1985 - 1989**

PRIMARY COLLISION FACTOR	Y E A R									
	1985		1986		1987		1988		1989	
	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
Driving under the influence of alcohol and/or drugs	11	140	31	139	23	121	18	133	16	149
Pedestrian under the influence of alcohol and/or drugs	-	-	-	-	-	-	-	-	-	-
Impeding traffic	-	6	-	7	1	8	2	6	-	5
Speed	39	1,591	47	1,815	45	1,748	41	1,814	48	1,929
Following too closely	1	213	-	215	3	217	2	238	1	221
Wrong side of road	7	172	27	194	18	199	19	208	13	209
Improper passing	2	52	8	55	2	49	7	48	3	50
Changing lane unsafely	15	774	11	771	6	814	14	927	17	947
Improper turning	15	410	12	432	20	473	14	504	14	530
Auto right-of-way	10	384	14	417	15	505	15	527	11	500
Pedestrian right-of-way	2	19	2	11	2	25	4	22	4	36
Pedestrian violation	-	2	-	2	-	4	-	4	-	1
Stop signals and signs	8	193	13	221	5	211	6	234	11	241
Unsafe starting and backing	2	134	-	135	2	154	1	164	4	170
Hazardous parking	-	11	2	19	-	16	1	16	-	14
Lights	-	2	-	5	-	5	-	2	-	3
Brakes	6	136	4	125	7	110	1	110	3	118
Other equipment	5	74	7	77	2	73	5	94	5	70
Other hazardous conditions	4	121	6	132	4	128	2	158	1	156
Other improper driving	-	105	6	85	1	112	1	103	3	88
Fell asleep(7/1/87)	-	-	-	-	-	-	3	67	5	69
Other than driver	-	-	-	-	-	-	-	-	-	-
Unknown cause	2	21	-	26	5	63	-	30	-	39
TOTAL	129	4,560	190	4,883	161	5,035	156	5,409	159	5,545

**TABLE 6J FATAL AND INJURY TRUCK ACCIDENTS COMPARED TO ALL FATAL AND INJURY
ACCIDENTS BY YEAR 1985 - 1989**

	Y E A R				
	1985	1986	1987	1988	1989
Total fatal accidents	4,422	4,647	4,920	4,859	4,834
Fatal truck accidents	494	579	552	562	551
Percent of total	11.2	12.5	11.2	11.6	11.4
Total injury accidents	216,170	233,004	239,190	235,491	236,831
Injury truck accidents	10,310	10,863	10,949	11,598	11,608
Percent of total	4.8	4.7	4.6	4.9	4.9

TABLE 6K TRUCK DRIVERS IN FATAL ACCIDENTS BY AGE BY MOVEMENT PRECEDING COLLISION - 1989

DRIVER MOVEMENT PRECEDING COLLISION	AGE													
	TOTAL	0-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 and over	Not Stated
Stopped	24	-	1	2	5	3	4	2	4	1	-	2	-	-
Proceeding straight	331	-	3	33	38	49	40	48	46	34	17	5	11	7
Ran off road	45	-	4	4	8	6	5	4	4	4	1	3	2	-
Making right turn	9	-	-	-	2	5	-	1	-	1	-	-	-	-
Making left turn	33	-	-	2	2	5	8	4	5	-	5	2	-	-
Making U turn	2	-	-	-	-	-	1	-	-	1	-	-	-	-
Backing	7	-	-	-	1	2	4	-	-	-	-	-	-	-
Slowing - stopping	8	-	1	-	1	-	2	2	-	1	1	-	-	-
Passing other vehicle	4	-	-	1	-	-	-	-	-	2	-	1	-	-
Changing lanes	18	1	-	1	1	3	5	1	-	1	1	1	-	3
Parking maneuver	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Entering traffic from shoulder, median, parking strip or private drive	8	-	-	-	-	2	3	-	1	1	-	1	-	-
Other unsafe turning	1	-	-	-	-	-	-	-	-	-	-	-	1	-
Crossed into opposing lane	24	-	1	2	3	3	7	5	1	-	-	2	-	-
Parked	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Merging	1	-	-	-	-	-	-	1	-	-	-	-	-	-
Traveling wrong way	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	8	-	-	-	1	2	-	1	-	1	1	1	1	-
Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	523	1	10	45	62	80	79	69	61	47	26	18	15	10

TABLE 6L TRUCK DRIVERS IN INJURY ACCIDENTS BY AGE BY MOVEMENT PRECEDING COLLISION - 1989

DRIVER MOVEMENT PRECEDING COLLISION	AGE													
	TOTAL	0-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 and over	Not Stated
Stopped	772	-	15	64	128	134	123	90	70	40	30	36	5	37
Proceeding straight	5,926	1	124	686	1,052	1,015	840	658	502	341	235	139	55	278
Ran off road	689	-	18	92	122	125	105	65	59	37	36	15	11	4
Making right turn	560	-	7	47	105	99	88	69	52	39	25	13	4	12
Making left turn	934	-	21	101	179	159	122	88	84	54	46	33	13	34
Making U turn	88	-	4	9	23	17	9	10	4	6	-	-	3	3
Backing	188	-	4	20	41	36	25	14	11	15	5	2	2	13
Slowing - stopping	600	-	16	75	92	117	89	71	47	30	23	13	4	23
Passing other vehicle	89	-	2	7	12	9	11	7	8	6	6	2	5	14
Changing lanes	1,132	-	6	84	171	178	148	104	119	72	40	25	14	171
Parking maneuver	9	-	-	2	2	2	1	-	1	-	-	-	-	1
Entering traffic from shoulder, median, parking strip or private drive	153	-	3	22	31	30	16	10	9	7	10	2	1	12
Other unsafe turning	28	-	-	4	7	8	2	2	2	-	2	-	-	1
Crossed into opposing lane	133	-	3	18	17	18	22	10	9	9	6	4	2	15
Parked	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Merging	36	-	-	3	6	9	4	3	2	2	-	1	-	6
Traveling wrong way	3	-	1	1	-	-	-	-	-	1	-	-	-	-
Other	108	-	3	15	18	18	20	6	6	11	2	1	2	6
Not stated	31	-	-	6	4	2	6	3	3	2	-	-	-	5
TOTAL	11,479	1	227	1,256	2,010	1,976	1,631	1,210	988	672	466	286	121	635

Section 7
**SHORT
SUBJECTS**



1989 Annual Report

TABLE 7A FATAL AND INJURY ACCIDENTS BY PRIMARY COLLISION FACTOR 1985 - 1989

PRIMARY COLLISION FACTOR	YEAR									
	1985		1986		1987		1988		1989	
	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
Driving under the influence of alcohol and/or drugs	1,521	27,300	1,604	28,830	1,795	28,541	1,629	27,539	1,791	29,077
Pedestrian under the influence of alcohol and/or drugs	120	315	125	370	165	408	206	450	180	533
Impeding traffic	5	210	1	255	3	240	3	243	3	213
Speed	624	47,105	643	52,362	657	54,598	610	53,677	558	53,631
Following too closely	8	6,964	5	7,473	9	7,735	8	7,702	10	7,474
Wrong side of road	306	8,455	362	9,226	338	9,165	368	8,951	333	9,015
Improper passing	44	2,292	48	2,590	60	2,448	51	2,297	51	2,298
Changing lane unsafely	85	6,433	87	6,967	82	7,270	125	7,659	122	7,833
Improper turning	229	15,050	281	16,682	351	17,582	330	17,252	341	17,435
Auto right-of-way	330	40,099	340	42,736	324	44,721	325	43,883	306	43,772
Pedestrian right-of-way	100	3,256	102	3,536	96	3,524	115	3,604	101	3,737
Pedestrian violation	346	6,303	344	7,028	372	6,969	394	6,975	345	7,120
Stop signals and signs	202	17,722	210	19,522	204	20,218	225	20,208	215	21,071
Unsafe starting and backing	15	2,987	14	3,333	15	3,389	15	3,562	17	3,400
Hazardous parking	6	240	6	234	1	220	3	221	3	208
Lights	1	193	4	241	3	187	2	156	1	132
Brakes	12	946	8	782	12	771	4	701	5	690
Other equipment	16	526	15	486	8	517	16	475	19	394
Other hazardous conditions	84	5,439	81	5,659	82	5,387	61	5,178	57	4,782
Other improper driving	73	8,763	64	8,235	47	7,321	87	5,535	38	5,607
Fell asleep(7/1/87)	-	-	-	-	1	120	57	2,051	47	1,970
Other than driver	100	5,889	111	6,153	98	6,002	48	6,156	117	5,325
Unknown cause	195	9,683	192	10,330	197	11,857	177	11,016	174	11,114
TOTAL	4,422	216,170	4,647	233,030	4,920	239,190	4,859	235,491	4,834	236,831

TABLE 7B PERSONS KILLED AND INJURED BY PRIMARY COLLISION FACTOR 1985 - 1989

PRIMARY COLLISION FACTOR	YEAR									
	1985		1986		1987		1988		1989	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Driving under the influence of alcohol and/or drugs	1,738	43,889	1,852	46,448	2,034	46,585	1,837	44,910	2,037	47,543
Pedestrian under the influence of alcohol and/or drugs	121	352	127	415	165	450	206	506	181	577
Impeding traffic	5	390	1	430	3	418	4	447	3	356
Speed	702	72,399	733	80,474	746	84,352	680	83,342	627	84,830
Following too closely	8	10,593	5	11,338	9	11,772	8	11,997	11	11,719
Wrong side of road	367	13,206	436	14,385	419	14,410	429	14,107	402	14,077
Improper passing	48	3,060	50	3,540	77	3,355	63	3,186	60	3,123
Changing lane unsafely	95	9,232	100	10,016	99	10,450	136	11,260	137	11,908
Improper turning	252	20,634	315	23,025	383	24,652	370	24,195	375	24,873
Auto right-of-way	364	62,363	367	66,278	343	70,286	353	69,502	334	70,783
Pedestrian right-of-way	102	3,588	104	3,918	96	3,814	119	3,979	104	4,128
Pedestrian violation	351	6,649	348	7,445	377	7,379	398	7,357	348	7,483
Stop signals and signs	241	30,046	237	32,650	240	34,490	269	34,389	243	36,393
Unsafe starting and backing	16	3,844	14	4,315	17	4,392	16	4,685	17	4,470
Hazardous parking	7	343	7	345	4	286	3	280	3	275
Lights	1	227	4	276	3	224	2	195	1	144
Brakes	15	1,495	9	1,254	14	1,266	4	1,107	6	1,093
Other equipment	19	823	17	728	8	740	18	697	25	573
Other hazardous conditions	88	7,121	88	7,134	89	6,975	64	6,748	60	6,236
Other improper driving	79	12,035	70	11,387	49	10,285	96	7,529	42	7,876
Fell asleep(7/1/87)	-	-	-	-	1	176	63	2,977	53	2,834
Other than driver	108	7,884	118	8,057	105	8,150	50	8,586	130	7,349
Unknown cause	206	12,530	220	13,493	219	15,792	193	14,964	182	15,002
TOTAL	4,933	322,703	5,222	347,351	5,500	360,699	5,381	356,945	5,381	363,645

TABLE 7C ESTIMATED COST PER INCIDENT ^{1/} BY VICTIM SEVERITY AND PROPERTY DAMAGE ONLY ACCIDENTS 1988 - 1989

VICTIM SEVERITY	1988		1989	
	Cost Per Incident	Total Cost	Cost Per Incident	Total Cost
Killed	\$ 1,328,900	\$ 7,146,000,000	\$ 1,349,300	\$ 7,503,000,000
Injured Severe	33,700	630,000,000	35,400	660,000,000
Other Visible	8,700	1,170,000,000	9,100	1,203,000,000
Complaint of Pain	4,400	897,000,000	4,600	979,000,000
Property Damage Only Accidents	2,200	717,000,000	2,300	732,000,000
TOTAL		\$ 10,560,000,000		\$ 11,077,000,000

^{1/} Cost Per Incident source, Urban Institute, Dr. Ted Miller.

Due to the Consumer Price Index (CPI) and Dr. Miller's ongoing federal research, cost estimates are subject to change in future publications. To calculate costs for smaller accident totals please review the Statewide Integrated Traffic Records System (SWITRS) User's Guide fatal and injury adjusted formula.



TABLE 7D HIT AND RUN ACCIDENTS AND VICTIMS BY TYPE OF COLLISION - 1989

	TOTAL	TYPE OF COLLISION							
		Head-on	Side-swipe	Rear End	Broad-side	Hit Object	Over-turned	Auto/Pedestrian	Other
Accidents									
Fatal	474	22	24	33	66	50	16	231	32
Injury	26,772	1,197	2,705	8,599	6,019	2,269	370	3,172	2,441
Victims									
Killed	504	27	28	35	72	54	17	237	34
Injured	37,903	1,943	3,885	13,972	9,252	3,155	522	3,393	2,681

TABLE 7E PASSENGER^{1/} VICTIMS KILLED AND INJURED AGED 3 AND UNDER BY COUNTY 1987 - 1989

COUNTY	1987 ^{2/}		1988 ^{2/}		1989 ^{2/}		1989 vs 1988 Percent of Change	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Alameda	1	165	1	158	-	168	-100.0	+ 6.3
Alpine	1	-	-	1	-	-	-	-100.0
Amador	-	3	-	2	-	4	-	+100.0
Butte	-	27	1	37	-	29	-100.0	- 21.6
Calaveras	-	9	1	3	1	10	0	+233.3
Colusa	-	3	1	2	-	9	-100.0	+350.0
Contra Costa	-	106	-	81	-	106	-	+ 30.9
Del Norte	-	8	-	5	-	5	-	0
El Dorado	1	11	-	24	-	19	-	- 20.8
Fresno	3	170	6	197	3	176	- 50.0	- 10.7
Glenn	-	4	-	4	-	3	-	- 25.0
Humboldt	-	23	1	26	-	20	-100.0	- 23.1
Imperial	1	28	2	21	2	33	0	+ 57.1
Inyo	1	1	-	3	-	10	-	+233.3
Kern	7	138	3	119	-	117	-100.0	- 1.7
Kings	1	25	1	24	-	30	-100.0	+ 25.0
Lake	-	5	-	12	-	8	-	- 33.3
Lassen	-	6	-	10	-	10	-	0
Los Angeles	8	1,493	10	1,487	6	1,623	- 40.0	+ 9.1
Madera	-	19	1	25	-	18	-100.0	- 28.0
Marin	-	8	-	14	-	14	-	0
Mariposa	-	4	-	1	-	4	-	+300.0
Mendocino	-	20	-	18	-	7	-	- 61.1
Merced	3	55	2	42	1	51	- 50.0	+ 21.4
Modoc	-	2	-	2	-	3	-	+ 50.0
Mono	-	1	-	7	-	8	-	+ 14.3
Monterey	-	63	1	52	1	59	0	+ 13.5
Napa	-	19	-	16	-	11	-	- 31.3
Nevada	-	8	1	16	-	12	-100.0	- 25.0
Orange	1	325	1	305	2	324	+100.0	+ 6.2
Placer	1	24	-	26	1	34	∞	+ 30.8
Plumas	1	2	-	4	-	5	-	+ 25.0
Riverside	6	184	2	215	4	250	+100.0	+ 16.3
Sacramento	4	191	1	178	1	188	0	+ 5.6
San Benito	-	5	-	9	-	6	-	- 33.3
San Bernardino	7	320	10	320	5	332	- 50.0	+ 3.8
San Diego	2	327	4	380	3	407	- 25.0	+ 7.1
San Francisco	-	62	-	75	-	65	-	- 13.3
San Joaquin	3	114	-	124	3	141	∞	+ 13.7
San Luis Obispo	4	33	-	21	3	25	∞	- 19.1
San Mateo	1	53	-	55	-	59	-	+ 7.3
Santa Barbara	1	41	-	43	-	26	-	- 39.5
Santa Clara	1	190	5	213	1	196	- 80.0	- 8.0
Santa Cruz	-	41	-	32	-	33	-	+ 3.1
Shasta	-	31	1	38	1	36	0	- 5.3
Sierra	-	1	-	1	-	-	-	-100.0
Siskiyou	-	11	-	13	-	11	-	- 15.4
Solano	2	43	-	46	-	41	-	- 10.9
Sonoma	-	38	-	50	2	43	∞	- 14.0
Stanislaus	1	78	1	68	1	74	0	+ 8.8
Sutter	1	15	2	10	-	13	-100.0	+ 30.0
Tehama	-	9	-	13	-	8	-	- 38.5
Trinity	-	3	-	1	-	2	-	+100.0
Tulare	3	80	-	97	1	93	∞	- 4.1
Tuolumne	-	7	1	5	-	11	-100.0	+120.0
Ventura	-	94	-	76	-	79	-	+ 3.9
Yolo	-	22	-	17	-	26	-	+ 52.9
Yuba	-	24	-	11	1	7	∞	- 36.4
TOTAL	66	4,792	60	4,855	43	5,102	- 28.3	+ 5.1

^{1/} Passenger victims excluding motorcyclists, mopeds and bicyclists.^{2/} Excludes fetal deaths determined by Coroner to have died as a result of traffic accidents where the Mother was in the 3rd trimester of pregnancy and was killed or injured in a Motor Vehicle Traffic Accident.

∞ Percent of change is infinite when base year data is zero.

TABLE 7F FATAL AND INJURY MOPED ACCIDENTS BY MONTH 1985 - 1989

MONTH	YEAR									
	1985		1986		1987		1988		1989	
	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
January	1	70	-	48	-	46	-	42	-	25
February	1	61	-	52	-	61	1	48	-	18
March	-	84	-	63	-	56	-	65	-	35
April	-	82	1	69	-	59	1	55	-	30
May	-	81	2	72	1	60	-	51	-	38
June	1	103	-	94	-	79	-	62	-	40
July	2	107	1	111	-	56	-	53	1	44
August	1	103	1	87	1	76	1	51	-	34
September	3	115	-	64	1	60	-	34	-	31
October	-	96	1	94	-	56	-	55	1	19
November	1	59	1	55	-	42	-	31	-	22
December	-	59	1	34	-	35	-	36	-	18
TOTAL	10	1,020	8	843	3	686	3	583	2	354

TABLE 7G MOPED VICTIMS KILLED AND INJURED BY AGE 1985 - 1989

AGE	YEAR									
	1985		1986		1987		1988		1989	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
0 - 4	-	3	-	1	-	2	-	2	-	1
5 - 14	-	118	-	81	-	66	-	47	-	30
15 - 24	5	678	5	598	3	461	1	402	-	216
25 - 34	2	119	2	96	-	108	1	89	1	62
35 - 44	3	70	-	49	-	39	-	44	-	22
45 - 54	-	27	-	23	-	21	-	14	-	12
55 - 64	-	23	-	15	-	11	-	10	-	9
65 and over	-	29	1	18	-	19	-	17	1	7
Not stated	-	15	-	19	-	12	1	3	-	9
TOTAL	10	1,082	8	900	3	739	3	628	2	368

TABLE 7H FATAL AND INJURY MOTORCYCLE ACCIDENTS BY MONTH BY YEAR 1985 - 1989

MONTH	YEAR									
	1985		1986		1987		1988		1989	
	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
January	42	1,386	48	1,543	44	1,344	43	1,109	34	1,001
February	50	1,543	50	1,410	35	1,411	53	1,320	33	970
March	55	1,807	50	1,887	52	1,616	56	1,725	35	1,299
April	82	2,203	56	2,139	60	2,073	43	1,578	55	1,646
May	74	2,292	74	2,485	69	2,286	57	1,917	72	1,641
June	88	2,510	84	2,662	57	2,276	52	1,796	53	1,711
July	78	2,505	85	2,782	80	2,442	55	2,003	75	1,873
August	80	2,672	100	2,831	92	2,375	58	1,944	67	1,758
September	72	2,252	94	2,287	93	2,196	58	1,955	49	1,620
October	69	2,181	89	2,299	65	2,077	60	1,765	55	1,546
November	51	1,604	74	2,039	49	1,604	32	1,281	53	1,455
December	53	1,453	44	1,482	38	1,142	46	1,095	45	1,220
TOTAL	794	24,408	848	25,846	734	22,842	613	19,488	626	17,740

TABLE 7I MOTORCYCLISTS KILLED AND INJURED BY AGE 1985 - 1989

AGE	YEAR									
	1985		1986		1987		1988		1989	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
0 - 4	1	42	1	41	-	28	1	20	-	13
5 - 14	8	704	8	729	6	615	7	420	6	379
15 - 24	378	15,277	412	15,850	341	13,598	258	10,950	251	9,282
25 - 34	287	7,359	280	8,011	255	7,223	214	6,577	228	6,259
35 - 44	82	2,348	102	2,615	91	2,413	81	2,322	86	2,309
45 - 54	16	770	28	786	24	738	22	724	34	768
55 - 64	17	360	8	346	15	314	11	266	6	252
65 and over	2	135	9	162	6	159	5	127	4	122
Not stated	10	330	11	457	6	313	4	150	5	143
TOTAL	801	27,325	859	28,997	744	25,401	603	21,556	620	19,527

TABLE 7J FATAL AND INJURY MOTORCYCLE ACCIDENTS BY YEAR AND BY COUNTY 1985 - 1989

COUNTY	YEAR									
	1985		1986		1987		1988		1989	
	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
Alameda	29	952	26	1,059	22	882	22	789	18	713
Alpine	-	7	-	8	1	2	1	3	1	6
Amador	2	26	2	30	2	26	2	31	-	10
Butte	3	158	4	178	5	166	11	181	4	116
Calaveras	1	44	2	53	-	38	5	30	4	41
Colusa	-	6	-	3	-	12	-	9	1	5
Contra Costa	17	491	8	539	25	493	16	420	15	363
Del Norte	-	18	2	11	1	20	-	9	1	16
El Dorado	4	112	3	112	1	99	4	84	1	93
Fresno	20	475	23	494	14	431	16	390	11	378
Glenn	1	11	2	11	-	10	-	15	1	9
Humboldt	2	107	4	81	6	82	4	71	5	57
Imperial	4	71	2	79	3	67	1	67	4	67
Inyo	2	21	-	15	1	22	2	20	1	10
Kern	19	477	22	514	16	405	9	325	14	309
Kings	3	56	1	56	-	48	2	45	3	37
Lake	3	54	2	56	4	55	-	48	1	33
Lassen	-	20	1	21	3	13	-	14	1	11
Los Angeles	211	7,007	268	7,625	204	6,575	177	5,465	164	5,188
Madera	3	51	3	51	3	64	2	48	5	37
Marin	6	236	5	215	1	204	3	136	7	127
Mariposa	-	23	1	21	2	18	-	21	2	12
Mendocino	4	93	-	88	7	73	1	67	2	58
Merced	3	122	2	98	5	109	1	83	5	75
Modoc	-	3	-	6	1	3	-	4	1	2
Mono	-	15	2	13	-	7	-	5	-	10
Monterey	5	225	9	234	10	217	3	190	7	171
Napa	4	133	7	123	3	106	1	99	4	89
Nevada	3	62	5	54	2	39	-	41	4	37
Orange	80	2,260	75	2,274	61	2,095	42	1,772	42	1,423
Placer	4	138	3	107	4	104	3	99	10	91
Plumas	-	16	1	28	1	21	2	21	-	18
Riverside	47	875	34	1,029	46	882	26	811	35	820
Sacramento	27	714	30	824	29	731	19	664	23	607
San Benito	1	18	2	23	3	23	-	22	-	17
San Bernardino	50	1,225	47	1,387	55	1,251	52	1,065	41	1,022
San Diego	72	2,662	75	2,723	60	2,274	57	1,886	51	1,633
San Francisco	14	754	6	805	5	807	8	737	8	763
San Joaquin	14	354	12	380	12	333	14	278	11	260
San Luis Obispo	4	154	4	208	1	186	6	162	6	143
San Mateo	9	376	17	362	6	371	9	318	8	229
Santa Barbara	7	364	9	391	8	358	4	270	4	259
Santa Clara	43	1,204	34	1,056	24	966	21	823	22	756
Santa Cruz	6	277	12	269	5	236	4	201	4	193
Shasta	1	124	4	110	2	116	7	102	6	73
Sierra	-	9	-	9	-	13	1	8	-	6
Siskiyou	1	30	-	27	4	24	2	11	3	9
Solano	6	214	2	245	6	232	5	189	3	186
Sonoma	15	296	11	291	15	291	11	237	10	196
Stanislaus	4	189	11	261	7	228	7	220	10	209
Sutter	-	37	2	36	1	33	2	35	2	25
Tehama	-	46	3	39	-	23	1	32	3	27
Trinity	1	13	-	20	2	21	-	19	2	12
Tulare	6	215	16	224	5	182	5	173	15	152
Tuolumne	3	88	3	79	2	64	3	58	3	44
Ventura	25	553	23	637	23	575	16	454	13	386
Yolo	2	64	4	93	4	70	1	75	2	73
Yuba	3	63	2	61	1	46	2	36	2	28
TOTAL	794	24,408	848	25,846	734	22,842	613	19,488	626	17,740

TABLE 7K FATAL ACCIDENTS WHERE MOTORCYCLE DRIVER WAS AT FAULT BY AGE BY PRIMARY COLLISION FACTOR - 1989

PRIMARY COLLISION FACTOR	TOTAL	AGE												
		0-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 and over	Not Stated
Driving under the influence of alcohol and/or drugs	227	-	19	55	61	45	23	10	6	5	1	2	-	-
Pedestrian under the influence of alcohol and/or drugs	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Impeding traffic	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Speed	114	-	32	33	23	7	7	4	3	3	-	1	-	1
Following too closely	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wrong side of road	27	-	5	7	5	3	2	3	1	-	-	-	-	1
Improper passing	9	-	3	1	1	2	1	1	-	-	-	-	-	-
Changing lane unsafely	3	-	-	1	2	-	-	-	-	-	-	-	-	-
Improper turning	13	1	2	1	1	4	1	1	-	1	-	1	-	-
Auto right-of-way	7	2	1	2	1	-	1	-	-	-	-	-	-	-
Pedestrian right-of-way	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Pedestrian violation	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stop signals and signs	11	-	5	5	1	-	-	-	-	-	-	-	-	-
Unsafe starting and backing	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hazardous parking	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lights	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brakes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other hazardous conditions	5	-	-	-	1	3	1	-	-	-	-	-	-	-
Other improper driving	1	-	-	1	-	-	-	-	-	-	-	-	-	-
Fell asleep	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other than driver	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown cause	4	-	-	2	1	-	-	-	1	-	-	-	-	-
TOTAL	422	3	67	108	98	64	36	19	11	9	1	4	-	2

TABLE 7L INJURY ACCIDENTS WHERE MOTORCYCLE DRIVER WAS AT FAULT BY AGE BY PRIMARY COLLISION FACTOR - 1989

PRIMARY COLLISION FACTOR	TOTAL	AGE												
		0-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 and over	Not Stated
Driving under the influence of alcohol and/or drugs	1,671	-	138	484	425	282	172	95	40	11	8	4	2	10
Pedestrian under the influence of alcohol and/or drugs	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Impeding traffic	5	-	1	1	3	-	-	-	-	-	-	-	-	-
Speed	3,511	50	796	1,072	659	370	208	133	72	51	24	11	18	47
Following too closely	281	1	65	87	54	38	12	6	7	-	5	-	2	4
Wrong side of road	544	18	110	140	85	68	46	26	11	12	6	5	4	13
Improper passing	480	-	119	144	93	58	25	19	6	5	4	2	1	4
Changing lane unsafely	159	1	23	52	20	21	14	10	4	1	1	-	2	10
Improper turning	659	20	167	165	110	63	43	26	24	9	5	3	9	15
Auto right-of-way	510	38	126	132	85	55	24	13	9	4	4	3	8	9
Pedestrian right-of-way	33	-	4	12	3	1	3	4	1	-	-	-	-	5
Pedestrian violation	4	-	1	-	1	-	-	-	-	-	-	-	-	2
Stop signals and signs	390	16	98	120	66	36	20	11	4	3	-	-	3	13
Unsafe starting and backing	51	1	11	19	4	7	2	1	4	1	-	1	-	-
Hazardous parking	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lights	7	-	3	1	1	-	1	-	-	-	-	-	-	1
Brakes	9	-	4	-	2	2	1	-	-	-	-	-	-	-
Other equipment	35	1	7	4	11	3	2	3	1	-	-	1	-	2
Other hazardous conditions	232	8	45	47	34	38	19	12	17	4	2	1	2	3
Other improper driving	276	6	61	73	33	35	24	15	9	7	5	-	3	5
Fell asleep	10	-	4	3	2	-	-	-	-	-	-	1	-	-
Other than driver	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown cause	109	2	25	37	15	12	4	4	2	1	2	-	1	4
TOTAL	8,976	162	1,808	2,593	1,706	1,089	620	378	211	109	66	32	55	147

TABLE 7M FATAL AND INJURY BICYCLE ACCIDENTS BY MONTH BY YEAR 1985 - 1989

MONTH	YEAR									
	1985		1986		1987		1988		1989	
	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
January	5	849	16	1,070	7	961	9	896	8	918
February	8	1,032	7	1,040	7	1,011	6	1,135	4	871
March	11	1,116	9	1,322	9	1,202	12	1,410	7	1,282
April	12	1,413	12	1,513	12	1,549	8	1,300	8	1,536
May	13	1,389	15	1,663	9	1,595	6	1,422	11	1,512
June	6	1,521	10	1,731	16	1,608	14	1,520	14	1,497
July	21	1,615	19	1,874	12	1,848	13	1,608	12	1,687
August	18	1,632	14	1,685	23	1,660	18	1,526	14	1,696
September	16	1,565	12	1,572	19	1,550	17	1,507	12	1,580
October	9	1,435	15	1,556	6	1,419	16	1,439	12	1,457
November	8	987	12	1,233	16	1,012	9	1,033	8	1,265
December	9	870	12	930	5	779	12	822	8	1,041
TOTAL	136	15,424	153	17,189	141	16,194	140	15,618	118	16,342

TABLE 7N BICYCLISTS KILLED AND INJURED BY AGE BY YEAR 1985 - 1989

AGE	YEAR									
	1985		1986		1987		1988		1989	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
0 - 4	-	62	-	55	1	42	-	34	-	53
5 - 14	44	6,064	43	6,579	34	5,412	37	5,788	36	5,899
15 - 24	34	5,469	33	6,134	35	5,268	37	5,211	31	5,225
25 - 34	16	2,344	28	2,746	25	2,705	19	2,734	19	2,958
35 - 44	12	837	14	1,047	15	1,057	15	1,120	11	1,255
45 - 54	7	336	11	337	4	393	10	439	5	523
55 - 64	9	220	4	205	5	208	4	259	3	255
65 and over	10	219	7	193	13	214	14	186	9	214
Not stated	2	183	10	186	7	162	2	99	3	143
TOTAL	134	15,734	150	17,482	139	16,461	138	15,870	117	16,605

TABLE 70 ACCIDENTS, VICTIMS, VEHICLE MILES OF TRAVEL, MOTOR VEHICLE REGISTRATION, POPULATION, AND MILEAGE DEATH RATE BY YEAR 1934 - 1989

YEAR	Accidents		Victims		Vehicle Miles of Travel	Motor Vehicle Registration	Population	Mileage Death Rate*
	Fatal	Injury	Killed	Injured				
1934 ^{1/}	2,576	30,163	2,805	45,153	15,987,226,805	2,001,410	6,060,000	17.5
1935 ^{1/}	2,607	31,122	2,806	47,078	17,870,987,044	2,159,601	6,175,000	15.7
1936 ^{1/}	2,838	33,478	3,132	49,326	19,470,191,553	2,336,845	6,341,000	16.1
1937 ^{1/}	2,850	35,118	3,139	52,351	20,644,669,804	2,494,713	6,528,000	15.2
1938 ^{1/}	2,550	34,093	2,775	51,150	20,597,907,614	2,521,476	6,656,000	13.5
1939 ^{1/}	2,613	35,629	2,870	53,878	22,077,096,194	2,618,394	6,785,000	13.0
1940 ^{1/}	2,760	38,530	3,034	57,922	23,051,915,667	2,788,035	6,950,000	13.1
1941	3,130	45,374	3,487	69,358	25,939,020,082	2,979,298	7,237,000	13.5
1942	2,317	33,612	2,551	49,139	22,538,208,982	2,854,721	7,735,000	11.3
1943	2,355	31,503	2,602	46,359	18,791,213,413	2,768,315	8,506,000	13.8
1944	2,283	31,514	2,534	47,620	19,244,240,843	2,801,552	8,945,000	13.2
1945	3,133	41,094	3,542	64,375	23,879,494,037	2,880,350	9,344,000	14.8
1946	3,292	48,831	3,664	74,693	32,136,521,935	3,134,235	9,559,000	11.4
1947	2,975	49,924	3,351	75,358	36,144,483,769	3,529,788	9,832,000	9.3
1948	2,646	53,012	2,932	79,002	37,404,270,430	3,814,637	10,064,000	7.8
1949	2,623	57,417	3,003	85,738	39,186,696,819	4,158,666	10,337,000	7.7
1950	2,706	62,800	3,054	95,096	41,568,161,762	4,613,241	10,609,000	7.3
1951	3,048	66,591	3,466	102,563	45,165,768,095	4,913,891	11,058,000	7.7
1952	3,061	71,311	3,562	110,874	48,347,307,772	5,135,893	11,743,000	7.4
1953	2,900	69,222	3,371	106,427	51,454,488,893	5,484,327	12,168,000	6.6
1954	2,706	71,364	3,104	108,265	51,732,460,320	5,673,692	12,595,000	6.0
1955	2,981	77,908	3,431	120,182	55,151,377,318	6,158,596	13,035,000	6.2
1956	3,290	84,562	3,804	130,982	59,426,661,570	6,506,592	13,600,000	6.4
1957	3,173	86,398	3,691	134,822	61,602,779,502	6,803,273	14,160,000	6.0
1958	3,041	87,265	3,510	135,565	63,909,847,624	7,269,348	14,752,000	5.5
1959	3,062	92,818	3,588	143,634	68,278,117,375	7,368,806	15,555,000	5.3
1960	3,213	100,026	3,723	154,760	70,257,580,644	7,809,724	15,860,000	5.3
1961	3,368	105,631	3,839	163,945	73,335,128,762	8,095,957	16,445,000	5.2
1962	3,519	118,951	4,121	184,676	76,934,039,378	8,790,834	17,094,000	5.4
1963	3,730	127,790	4,318	197,559	83,064,423,110	9,052,654	17,675,000	5.2
1964	4,098	139,862	4,743	215,395	87,232,255,075	9,651,324	18,234,000	5.4
1965	4,053	143,865	4,706	220,460	92,162,779,049	10,203,490	18,756,000	5.1
1966	4,213	150,571	4,830	230,000	95,987,000,856	10,496,928	19,195,000	5.0
1967	4,215	152,321	4,883	233,834	99,462,198,703	10,691,800	19,535,000	4.9
1968	4,224	156,547	4,853	239,944	106,177,292,458	11,368,250	19,782,000	4.6
1969	4,427	159,927	5,080	245,706	112,109,495,394	11,920,992	19,856,000	4.5
1970	4,277	158,391	4,901	241,589	117,212,090,943	12,504,121	19,953,134	4.2
1971	3,953	160,182	4,462	240,423	122,563,745,201	12,818,794	20,002,900	3.6
1972	4,426	172,197	4,996	252,429	126,716,750,299	13,303,210	20,524,000	3.9
1973	4,318	171,707	4,905	250,396	132,508,094,172	13,874,213	20,741,000	3.7
1974	3,550	160,370	4,019	231,253	127,157,391,600	14,181,998	20,933,000	3.2
1975	3,751	167,758	4,189	243,882	131,347,628,700	14,368,819	21,113,000	3.2
1976	3,980	176,549	4,489	257,419	142,244,262,500	14,748,473	21,520,000	3.2
1977	4,443	193,270	4,942	284,079	153,596,262,400	15,447,979	21,896,000	3.2
1978	4,712	211,156	5,296	312,620	165,130,609,000	16,058,370	22,297,000	3.2
1979	4,941	210,557	5,503	309,240	163,700,565,600	16,580,967	22,693,700	3.4
1980	4,926	198,172	5,489	291,939	160,474,100,000	17,334,976	23,616,000	3.4
1981	4,666	194,781	5,170	287,324	160,800,000,000	17,217,477	24,196,000	3.2
1982	4,113	184,972	4,609	274,073	170,000,000,000	17,482,588	24,724,000	2.7
1983	4,087	196,394	4,571	292,538	182,653,000,000	18,206,318	25,174,000	2.5
1984	4,497	208,419	4,999	309,352	195,990,000,000	18,504,004	25,622,000	2.6
1985	4,422	216,170	4,933	322,703	203,782,000,000	19,645,982	26,365,106	2.4
1986	4,647	233,004	5,222	347,351	213,117,000,000	20,458,130	26,980,800	2.5
1987	4,920	239,190	5,500	360,699	226,271,000,000	20,605,925	27,662,900	2.4
1988 ^{2/}	4,859	235,491	5,381	356,945	239,043,000,000	21,656,938	28,314,500	2.3
1989 ^{2/}	4,834	236,831	5,381	363,645	251,481,000,000	21,999,869	29,063,200	2.1

* Number of persons killed per 100 million miles of travel.

^{1/} Accident and victim data for 1934 through 1940 include private property.

^{2/} The 1988 Vehicle Miles of Travel figure has been updated from the previously published number and the 1989 mileage is an estimate and is subject to change in future publications. Source: California Department of Transportation.

Section 8
LOCATION



1989 Annual Report

TABLE 8A ACCIDENTS BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	ACCIDENTS										
	TOTAL			Alcohol Involved		Pedestrian Involved		Bicycle Involved		Motorcycle Involved	
	Fatal	Injury	Property Damage	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
ALAMEDA											
Alameda	2	430	1,263	1	66	1	52	-	49	1	28
Albany	-	132	150	-	12	-	9	-	15	-	10
Berkeley	6	1,097	1,512	3	93	2	135	-	166	1	123
Dublin	-	113	185	-	13	-	6	-	7	-	10
Emeryville	1	126	389	1	12	-	5	-	5	-	7
Fremont	17	1,251	1,487	4	197	3	52	1	87	3	100
Hayward	6	989	1,653	4	164	1	61	-	61	2	61
Livermore	-	356	773	-	62	-	23	-	49	-	33
Newark	2	232	415	-	38	-	8	-	31	2	17
Oakland	49	2,943	11,518	28	349	26	472	1	165	5	183
Piedmont	-	14	77	-	1	-	1	-	2	-	1
Pleasanton	3	329	453	1	44	-	9	-	34	1	25
San Leandr	6	426	1,075	5	61	3	16	-	24	1	27
Union City	3	206	433	1	33	2	21	-	11	-	13
CITY ROADWAYS	95	8,644	21,383	48	1,145	38	870	2	706	16	638
Uninc. State Highways	16	566	708	8	104	2	4	1	3	2	20
County Roadways	14	662	941	7	160	2	35	1	47	-	55
UNINC. ROADWAYS	30	1,228	1,649	15	264	4	39	2	50	2	75
COUNTY TOTAL	125	9,872	23,032	63	1,409	42	909	4	756	18	713
ALPINE											
CITY ROADWAYS	-	-	-	-	-	-	-	-	-	-	-
Uninc. State Highways	1	15	41	1	1	-	1	-	3	1	5
County Roadways	-	5	6	-	2	-	-	-	-	-	1
UNINC. ROADWAYS	1	20	47	1	3	-	1	-	3	1	6
COUNTY TOTAL	1	20	47	1	3	-	1	-	3	1	6
AMADOR											
Amador	-	-	-	-	-	-	-	-	-	-	-
Ione	-	3	15	-	1	-	2	-	-	-	-
Jackson	-	16	40	-	3	-	2	-	1	-	1
Plymouth	-	-	-	-	-	-	-	-	-	-	-
Sutter Creek	1	3	15	1	1	-	-	-	-	-	1
CITY ROADWAYS	1	22	70	1	5	-	4	-	1	-	2
Uninc. State Highways	4	138	91	3	36	1	4	-	-	-	3
County Roadways	4	58	52	3	22	-	1	-	3	-	5
UNINC. ROADWAYS	8	196	143	6	58	1	5	-	3	-	8
COUNTY TOTAL	9	218	213	7	63	1	9	-	4	-	10
BUTTE											
Biggs	-	2	6	-	1	-	-	-	-	-	-
Chico	4	534	537	1	96	1	28	1	107	-	60
Gridley	1	32	46	1	5	1	5	-	2	-	1
Oroville	1	94	182	-	8	-	7	-	7	1	7
Paradise	3	100	201	2	20	1	9	-	8	1	8
CITY ROADWAYS	9	762	972	4	130	3	49	1	124	2	76
Uninc. State Highways	17	163	134	7	34	1	4	1	2	2	5
County Roadways	14	461	454	7	143	2	17	-	33	-	35

TABLE 8A (Cont'd) PERSONS KILLED AND INJURED BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS											
	TOTAL		Motor Vehicle Driver		Passenger		Pedestrian		Bicyclist		Motorcyclist*	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
ALAMEDA												
Alameda	2	579	1	311	-	166	1	54	-	48	1	31
Albany	-	180	-	105	-	51	-	9	-	15	-	11
Berkeley	6	1,463	4	787	-	370	2	139	-	167	1	130
Dublin	-	171	-	111	-	46	-	7	-	7	-	11
Emeryville	1	199	1	115	-	74	-	5	-	5	-	8
Fremont	17	1,818	11	1,138	2	539	3	53	1	88	3	107
Hayward	6	1,438	4	855	1	459	1	63	-	61	2	66
Livermore	-	491	-	280	-	140	-	24	-	47	-	36
Newark	2	335	2	190	-	106	-	8	-	31	2	16
Oakland	54	4,069	16	2,063	12	1,347	25	493	1	166	5	188
Piedmont	-	15	-	9	-	3	-	1	-	2	-	1
Pleasanton	3	486	3	294	-	150	-	9	-	33	1	26
San Leandro	6	647	2	392	1	215	3	16	-	24	1	29
Union City	3	291	-	171	1	85	2	22	-	13	-	15
CITY ROADWAYS	100	12,182	44	6,821	17	3,751	37	903	2	707	16	675
Uninc. State Highways	19	905	11	597	5	297	2	8	1	3	2	21
County Roadways	15	959	6	596	6	276	2	36	1	51	-	63
UNINC. ROADWAYS	34	1,864	17	1,193	11	573	4	44	2	54	2	84
COUNTY TOTAL	134	14,046	61	8,014	28	4,324	41	947	4	761	18	759
ALPINE												
CITY ROADWAYS	-	-	-	-	-	-	-	-	-	-	-	-
Uninc. State Highways	1	25	1	13	-	8	-	1	-	3	1	8
County Roadways	-	10	-	4	-	6	-	-	-	-	-	1
UNINC. ROADWAYS	1	35	1	17	-	14	-	1	-	3	1	9
COUNTY TOTAL	1	35	1	17	-	14	-	1	-	3	1	9
AMADOR												
Amador	-	-	-	-	-	-	-	-	-	-	-	-
Ione	-	4	-	1	-	1	-	2	-	-	-	-
Jackson	-	24	-	14	-	7	-	2	-	1	-	1
Plymouth	-	-	-	-	-	-	-	-	-	-	-	-
Sutter Creek	1	9	-	5	1	4	-	-	-	-	-	1
CITY ROADWAYS	1	37	-	20	1	12	-	4	-	1	-	2
Uninc. State Highways	4	212	2	125	1	82	1	5	-	-	-	7
County Roadways	5	86	4	50	1	32	-	1	-	3	-	6
UNINC. ROADWAYS	9	298	6	175	2	114	1	6	-	3	-	13
COUNTY TOTAL	10	335	6	195	3	126	1	10	-	4	-	15
BUTTE												
Biggs	-	2	-	2	-	-	-	-	-	-	-	-
Chico	5	768	2	402	1	228	1	30	1	108	-	64
Gridley	1	49	-	24	-	17	1	6	-	2	-	1
Oroville	1	137	-	83	1	40	-	7	-	7	1	10
Paradise	3	148	2	86	-	44	1	10	-	8	1	9
CITY ROADWAYS	10	1,104	4	597	2	329	3	53	1	125	2	84
Uninc. State Highways	18	274	15	168	1	100	1	4	1	2	2	8
County Roadways	14	707	7	408	5	250	2	17	-	32	-	39

*Motorcyclist included under Motor Vehicle Driver & Passenger categories.

TABLE 8A (Cont'd) ACCIDENTS BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	ACCIDENTS										
	TOTAL			Alcohol Involved		Pedestrian Involved		Bicycle Involved		Motorcycle Involved	
	Fatal	Injury	Property Damage	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
BUTTE (cont'd)											
UNINC. ROADWAYS	31	624	588	14	177	3	21	1	35	2	40
COUNTY TOTAL	40	1,386	1,560	18	307	6	70	2	159	4	116
CALAVERAS											
Angels Camp	-	0	31	-	-	-	2	-	-	-	1
CITY ROADWAYS	-	9	31	-	-	-	2	-	-	-	1
Uninc. State Highways	5	159	181	1	38	-	3	-	2	2	17
County Roadways	6	136	141	4	45	1	5	-	4	2	23
UNINC. ROADWAYS	11	295	322	5	83	1	8	-	6	4	40
COUNTY TOTAL	11	304	353	5	83	1	10	-	6	4	41
COLUSA											
Colusa	-	15	56	-	2	-	2	-	3	-	-
Williams	-	1	9	-	-	-	-	-	-	-	-
CITY ROADWAYS	-	16	65	-	2	-	2	-	3	-	-
Uninc. State Highways	9	79	84	5	16	-	-	-	1	1	1
County Roadways	5	63	66	2	20	-	1	-	2	-	4
UNINC. ROADWAYS	14	142	150	7	36	-	1	-	3	1	5
COUNTY TOTAL	14	158	215	7	38	-	3	-	6	1	5
CONTRA COSTA											
Antioch	7	252	841	5	49	-	19	-	30	2	22
Brentwood	1	61	126	-	14	1	6	-	-	-	3
Clayton	-	14	45	-	3	-	2	-	1	-	1
Concord	10	631	1,015	7	97	4	28	-	38	4	48
Danville	1	82	252	-	11	-	3	-	14	-	6
El Cerrito	1	79	376	-	9	-	10	-	6	-	5
Hercules	-	42	85	-	7	-	1	-	-	-	1
Kensington	-	9	45	-	1	-	-	-	3	-	-
Lafayette	2	146	229	1	19	1	3	1	12	-	12
Martinez	4	115	436	3	15	-	7	1	11	-	9
Moraga	-	18	55	-	1	-	-	-	6	-	-
Orinda	-	84	170	-	11	-	2	-	6	-	5
Pinole	-	143	225	-	10	-	12	-	3	-	8
Pittsburg	8	183	245	5	30	1	26	-	12	2	9
Pleasant Hill	-	269	466	-	34	-	5	-	29	-	18
Richmond	12	900	1,068	3	162	7	69	-	47	-	54
San Pablo	3	217	214	-	31	2	33	-	20	-	17
San Ramon	2	113	247	-	19	-	3	-	9	1	9
Walnut Creek	3	548	484	1	63	2	20	-	53	1	30
CITY ROADWAYS	54	3,906	6,624	25	586	18	249	2	300	10	257
Uninc. State Highways	10	409	698	8	88	1	4	-	-	-	26
County Roadways	25	763	1,303	19	179	4	45	-	42	5	80
UNINC. ROADWAYS	35	1,172	2,001	27	267	5	49	-	42	5	106
COUNTY TOTAL	89	5,078	8,625	52	853	23	298	2	342	15	363
DEL NORTE											
Crescent City	1	21	58	1	1	-	1	-	3	1	2

TABLE 8A (Cont'd) PERSONS KILLED AND INJURED BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS											
	TOTAL		Motor Vehicle Driver		Passenger		Pedestrian		Bicyclist		Motorcyclist*	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
BUTTE (cont'd)												
UNINC. ROADWAYS	32	981	22	576	6	350	3	21	1	34	2	47
COUNTY TOTAL	42	2,085	26	1,173	8	679	6	74	2	159	4	131
CALAVERAS												
Angels Camp	-	10	-	6	-	2	-	2	-	-	-	1
CITY ROADWAYS	-	10	-	6	-	2	-	2	-	-	-	1
Uninc. State Highways	5	259	5	148	-	106	-	3	-	2	2	23
County Roadways	7	191	5	117	1	65	1	5	-	4	3	29
UNINC. ROADWAYS	12	450	10	265	1	171	1	8	-	6	5	52
COUNTY TOTAL	12	460	10	271	1	173	1	10	-	6	5	53
COLUSA												
Colusa	-	21	-	8	-	8	-	2	-	3	-	-
Williams	-	2	-	1	-	1	-	-	-	-	-	-
CITY ROADWAYS	-	23	-	9	-	9	-	2	-	3	-	-
Uninc. State Highways	10	141	8	79	2	61	-	-	-	1	1	2
County Roadways	5	98	4	56	1	39	-	1	-	2	-	5
UNINC. ROADWAYS	15	239	12	135	3	100	-	1	-	3	1	7
COUNTY TOTAL	15	262	12	144	3	109	-	3	-	6	1	7
CONTRA COSTA												
Antioch	7	352	5	202	2	101	-	18	-	31	2	23
Brentwood	1	99	-	60	-	33	1	6	-	-	-	3
Clayton	-	18	-	11	-	4	-	2	-	1	-	1
Concord	10	925	5	553	2	300	3	33	-	39	4	55
Danville	1	122	1	70	-	35	-	3	-	14	-	7
El Cerrito	1	122	-	64	1	42	-	10	-	6	-	5
Hercules	-	68	-	40	-	27	-	1	-	-	-	1
Kensington	-	12	-	8	-	1	-	-	-	3	-	-
Lafayette	2	200	-	147	-	38	1	3	1	12	-	12
Martinez	4	156	3	95	-	42	-	8	1	11	-	10
Moraga	-	21	-	12	-	3	-	-	-	6	-	-
Orinda	-	111	-	78	-	24	-	3	-	6	-	4
Pinole	-	202	-	116	-	69	-	14	-	3	-	9
Pittsburg	9	269	5	150	3	81	1	27	-	11	1	12
Pleasant Hill	-	368	-	235	-	99	-	5	-	29	-	19
Richmond	12	1,349	4	761	-	472	6	69	-	47	-	58
San Pablo	3	301	1	159	-	87	2	34	-	21	-	20
San Ramon	3	154	2	108	1	34	-	3	-	9	1	10
Walnut Creek	4	730	2	485	-	170	2	20	-	55	-	34
CITY ROADWAYS	57	5,579	28	3,354	11	1,662	16	259	2	304	8	283
Uninc. State Highways	10	638	9	430	-	203	1	5	-	-	-	29
County Roadways	27	1,154	16	715	8	350	3	46	-	43	5	97
UNINC. ROADWAYS	37	1,792	25	1,145	8	553	4	51	-	43	5	126
COUNTY TOTAL	94	7,371	53	4,499	19	2,215	20	310	2	347	13	409
DEL NORTE												
Crescent City	1	31	1	15	-	12	-	1	-	3	1	1

*Motorcyclist included under Motor Vehicle Driver & Passenger categories.

TABLE 8A (Cont'd) ACCIDENTS BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	ACCIDENTS										
	TOTAL			Alcohol Involved		Pedestrian Involved		Bicycle Involved		Motorcycle Involved	
	Fatal	Injury	Property Damage	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
DEL NORTE (cont'd)											
CITY ROADWAYS	1	21	58	1	1	-	1	-	3	1	2
Uninc. State Highways	7	104	125	-	18	-	2	1	2	-	5
County Roadways	2	92	104	2	24	1	4	-	1	-	9
UNINC. ROADWAYS	9	196	229	2	42	1	6	1	3	-	14
COUNTY TOTAL	10	217	287	3	43	1	7	1	6	1	16
EL DORADO											
Placerville	1	87	180	1	16	-	7	-	4	-	5
South Lake Tahoe	4	174	236	4	43	4	13	-	36	-	20
CITY ROADWAYS	5	261	416	5	59	4	20	-	40	-	25
Uninc. State Highways	14	327	413	9	81	1	4	-	2	-	25
County Roadways	9	485	520	5	131	1	6	-	18	1	43
UNINC. ROADWAYS	23	812	933	14	212	2	10	-	20	1	68
COUNTY TOTAL	28	1,073	1,349	19	271	6	30	-	60	1	93
FRESNO											
Clovis	-	218	465	-	29	-	13	-	19	-	17
Coalinga	-	33	79	-	-	-	2	-	10	-	-
Firebaugh	2	7	26	1	3	1	-	-	2	-	1
Fowler	1	21	34	-	6	-	-	-	1	-	-
Fresno	51	3,477	6,029	27	532	21	233	1	197	7	234
Huron	-	-	-	-	-	-	-	-	-	-	-
Kerman	-	17	56	-	4	-	-	-	1	-	2
Kingsburg	1	23	42	-	2	-	1	-	-	-	4
Mendota	-	5	1	-	-	-	1	-	-	-	-
Orange Cove	2	8	9	1	2	-	2	-	-	-	-
Parlier	-	11	16	-	3	-	3	-	1	-	-
Reedley	-	71	141	-	12	-	10	-	10	-	1
Sanger	-	52	130	-	9	-	8	-	2	-	6
San Joaquin	-	5	4	-	3	-	1	-	-	-	-
Selma	3	59	169	3	10	1	4	-	3	1	5
CITY ROADWAYS	60	4,007	7,201	32	615	23	278	1	246	8	270
Uninc. State Highways	45	629	673	21	153	6	10	2	2	-	29
County Roadways	52	1,209	1,545	20	273	4	16	3	34	3	79
UNINC. ROADWAYS	97	1,838	2,218	41	426	10	26	5	36	3	108
COUNTY TOTAL	157	5,845	9,419	73	1,041	33	304	6	282	11	378
GLENN											
Orland	1	20	67	1	6	-	-	1	5	-	-
Willows	3	18	44	1	4	2	2	-	1	-	1
CITY ROADWAYS	4	38	111	2	10	2	2	1	6	-	1
Uninc. State Highways	4	78	82	2	17	1	-	-	-	-	3
County Roadways	5	69	64	4	28	-	1	-	1	1	5
UNINC. ROADWAYS	9	147	146	6	45	1	1	-	1	1	8
COUNTY TOTAL	13	185	257	8	55	3	3	1	7	1	9

TABLE 3A (Cont'd) PERSONS KILLED AND INJURED BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS											
	TOTAL Killed Injured		Motor Vehicle Driver Killed Injured		Passenger Killed Injured		Pedestrian Killed Injured		Bicyclist Killed Injured		Motorcyclist* Killed Injured	
DEL NORTE (cont'd)												
CITY ROADWAYS	1	31	1	15	-	12	-	1	-	3	1	1
Uninc. State Highways	9	173	5	100	3	69	-	2	1	2	-	5
County Roadways	2	151	-	85	1	61	1	4	-	1	-	10
UNINC. ROADWAYS	11	324	5	185	4	130	1	6	1	3	-	15
COUNTY TOTAL	12	355	6	200	4	142	1	7	1	6	1	16
EL DORADO												
Placerville	1	128	1	73	-	43	-	8	-	4	-	6
South Lake Tahoe	4	238	-	109	-	79	4	13	-	37	-	25
CITY ROADWAYS	5	366	1	182	-	122	4	21	-	41	-	31
Uninc. State Highways	15	579	10	308	4	264	1	5	-	2	-	27
County Roadways	10	728	6	432	3	272	1	6	-	18	1	48
UNINC. ROADWAYS	25	1,307	16	740	7	536	2	11	-	20	1	75
COUNTY TOTAL	30	1,673	17	922	7	658	6	32	-	61	1	106
FRESNO												
Clovis	-	317	-	174	-	109	-	14	-	20	-	17
Coalinga	-	46	-	20	-	14	-	2	-	10	-	-
Firebaugh	2	14	1	7	-	5	1	-	-	2	-	2
Fowler	1	38	-	18	1	19	-	-	-	1	-	-
Fresno	56	5,592	24	3,067	10	2,083	21	239	1	203	8	265
Huron	-	-	-	-	-	-	-	-	-	-	-	-
Kerman	-	27	-	12	-	14	-	-	-	1	-	1
Kingsburg	1	40	-	24	1	15	-	1	-	-	-	4
Mendota	-	8	-	3	-	4	-	1	-	-	-	-
Orange Cove	2	17	2	3	-	12	-	2	-	-	-	-
Parlier	-	17	-	6	-	7	-	3	-	1	-	-
Reedley	-	103	-	56	-	25	-	11	-	11	-	1
Sanger	-	100	-	40	-	48	-	10	-	2	-	6
San Joaquin	-	6	-	3	-	2	-	1	-	-	-	-
Selma	3	99	2	57	-	35	1	4	-	3	1	6
CITY ROADWAYS	65	6,424	29	3,490	12	2,392	23	288	1	254	9	302
Uninc. State Highways	58	1,203	29	611	21	580	6	10	2	2	-	33
County Roadways	56	2,092	36	1,234	13	808	4	16	3	34	3	90
UNINC. ROADWAYS	114	3,295	65	1,845	34	1,388	10	26	5	36	3	123
COUNTY TOTAL	179	9,719	94	5,335	46	3,780	33	314	6	290	12	425
GLENN												
Orland	1	27	-	15	-	7	-	-	1	5	-	-
Willows	3	27	1	12	-	12	2	2	-	1	-	1
CITY ROADWAYS	4	54	1	27	-	19	2	2	1	6	-	1
Uninc. State Highways	4	123	3	76	-	47	1	-	-	-	-	3
County Roadways	5	104	5	61	-	41	-	1	-	1	1	5
UNINC. ROADWAYS	9	227	8	137	-	88	1	1	-	1	1	8
COUNTY TOTAL	13	281	9	164	-	107	3	3	1	7	1	9

* Motorcyclist included under Motor Vehicle Driver & Passenger categories.

TABLE 8A (Cont'd) ACCIDENTS BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	ACCIDENTS										
	TOTAL			Alcohol Involved		Pedestrian Involved		Bicycle Involved		Motorcycle Involved	
	Fatal	Injury	Property Damage	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
HUMBOLDT											
Arcata	1	79	38	-	18	-	5	-	24	-	9
Blue Lake	-	-	-	-	-	-	-	-	-	-	-
Eureka	1	310	370	1	40	-	33	-	42	1	16
Ferndale	-	2	8	-	1	-	-	-	-	-	1
Fortuna	1	23	49	1	7	-	2	-	3	1	3
Kio Dell	-	-	-	-	-	-	-	-	-	-	-
Trinidad	-	-	1	-	-	-	-	-	-	-	-
CITY ROADWAYS	3	414	466	2	66	-	40	-	69	2	29
Uninc. State Highways	14	227	257	8	46	1	4	-	3	2	11
County Roadways	4	201	303	1	53	1	13	1	15	1	17
UNINC. ROADWAYS	18	428	560	9	99	2	17	1	18	3	28
COUNTY TOTAL	21	842	1,026	11	165	2	57	1	87	5	57
IMPERIAL											
Brawley	2	119	251	2	27	2	12	-	13	-	8
Calexico	-	43	146	-	8	-	5	-	3	-	9
Callpatria	1	6	11	-	1	-	1	-	1	1	2
El Centro	1	203	504	-	19	-	19	-	27	1	21
Holtville	-	4	34	-	-	-	1	-	1	-	1
Imperial	-	-	-	-	-	-	-	-	-	-	-
Westmorland	-	-	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	4	375	946	2	55	2	38	-	45	2	41
Uninc. State Highways	34	328	277	18	93	4	1	-	-	1	12
County Roadways	20	232	240	11	80	1	6	-	3	1	14
UNINC. ROADWAYS	54	560	517	29	173	5	7	-	3	2	26
COUNTY TOTAL	58	935	1,463	31	228	7	45	-	48	4	67
INYO											
Bishop	-	35	53	-	5	-	1	-	9	-	-
CITY ROADWAYS	-	35	53	-	5	-	1	-	9	-	-
Uninc. State Highways	14	117	88	7	24	-	4	-	3	1	5
County Roadways	-	47	39	-	21	-	1	-	1	-	5
UNINC. ROADWAYS	14	164	127	7	45	-	5	-	4	1	10
COUNTY TOTAL	14	199	180	7	50	-	6	-	13	1	10
KERN											
Arvin	2	23	87	1	5	1	5	-	4	-	1
Bakersfield	19	1,125	968	12	183	3	62	-	81	3	96
Bear Valley Springs	-	13	5	-	3	-	-	-	1	-	2
California City	1	12	10	-	1	-	1	-	-	-	3
China Lake	-	12	13	-	1	-	-	-	-	-	1
Delano	2	117	319	-	34	1	14	-	8	-	10
Maricopa	-	2	3	-	1	-	-	-	-	-	-
McFarland	-	1	4	-	1	-	-	-	-	-	-
Ridgecrest	1	104	181	-	14	-	4	-	18	-	18
Shafter	1	18	51	-	1	1	2	-	4	-	1
Taft	-	30	74	-	1	-	2	-	4	-	3
Tehachapi	-	24	47	-	2	-	1	-	3	-	1
Wasco	1	22	103	-	4	-	6	-	1	-	1

TABLE 8A (Cont'd) PERSONS KILLED AND INJURED BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS											
	TOTAL		Motor Vehicle Driver		Passenger		Pedestrian		Bicyclist		Motorcyclist*	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
HUMBOLDT												
Arcata	1	110	1	52	-	28	-	6	-	24	-	10
Blue Lake	-	-	-	-	-	-	-	-	-	-	-	-
Eureka	1	467	1	246	-	145	-	34	-	42	1	21
Ferndale	-	3	-	3	-	-	-	-	-	-	-	1
Fortuna	1	30	1	19	-	6	-	2	-	3	1	4
Rio Dell	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad	-	-	-	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	3	610	3	320	-	179	-	42	-	69	2	36
Uninc. State Highways	15	369	10	228	4	134	1	4	-	3	2	12
County Roadways	4	289	2	169	-	92	1	13	1	15	1	20
UNINC. ROADWAYS	19	658	12	397	4	226	2	17	1	18	3	32
COUNTY TOTAL	22	1,268	15	717	4	405	2	59	1	87	5	68
IMPERIAL												
Brawley	2	181	-	89	-	66	2	13	-	13	-	9
Calexico	-	69	-	27	-	33	-	6	-	3	-	10
Calipatria	1	7	1	3	-	2	-	1	-	1	1	2
El Centro	1	299	-	150	1	101	-	19	-	29	1	24
Holtville	-	4	-	1	-	1	-	1	-	1	-	1
Imperial	-	-	-	-	-	-	-	-	-	-	-	-
Westmorland	-	-	-	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	4	560	1	270	1	203	2	40	-	47	2	46
Uninc. State Highways	46	640	22	345	20	294	4	1	-	-	1	13
County Roadways	22	378	16	234	5	134	1	7	-	3	1	5
UNINC. ROADWAYS	68	1,018	38	579	25	428	5	8	-	3	2	28
COUNTY TOTAL	72	1,578	39	849	26	631	7	48	-	50	4	74
INYO												
Bishop	-	41	-	17	-	14	-	1	-	9	-	-
CITY ROADWAYS	-	41	-	17	-	14	-	1	-	9	-	-
Uninc. State Highways	17	227	12	112	5	108	-	4	-	3	2	6
County Roadways	-	67	-	41	-	24	-	1	-	1	-	6
UNINC. ROADWAYS	17	294	12	153	5	132	-	5	-	4	2	12
COUNTY TOTAL	17	335	12	170	5	146	-	6	-	13	2	12
KERN												
Arvin	2	30	1	11	-	10	1	5	-	4	-	1
Bakersfield	22	1,698	11	1,009	8	542	3	65	-	82	4	108
Bear Valley Springs	-	26	-	12	-	13	-	-	-	1	-	3
California City	1	15	1	10	-	4	-	1	-	-	-	4
China Lake	-	17	-	14	-	3	-	-	-	-	-	1
Delano	2	173	1	78	-	72	1	15	-	8	-	11
Maricopa	-	2	-	2	-	-	-	-	-	-	-	-
McFarland	-	2	-	1	-	1	-	-	-	-	-	-
Ridgecrest	1	145	1	81	-	42	-	4	-	18	-	19
Shafter	1	20	-	8	-	6	1	2	-	4	-	1
Taft	-	43	-	28	-	14	-	2	-	4	-	3
Tehachapi	-	32	-	14	-	14	-	1	-	3	-	1
Wasco	1	31	1	15	-	8	-	7	-	1	-	1

* Motorcyclist included under Motor Vehicle Driver & Passenger categories.

TABLE 8A (Cont'd) ACCIDENTS BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	ACCIDENTS										
	TOTAL			Alcohol Involved		Pedestrian Involved		Bicycle Involved		Motorcycle Involved	
	Fatal	Injury	Property Damage	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
KERN (cont'd)											
CITY ROADWAYS	27	1,503	1,865	13	251	6	97	-	124	3	137
Uninc. State Highways	74	959	1,267	32	215	7	24	-	9	5	39
County Roadways	48	1,305	1,997	27	349	4	74	1	63	6	133
UNINC. ROADWAYS	122	2,264	3,264	59	564	11	98	1	72	11	172
COUNTY TOTAL	149	3,767	5,129	72	815	17	195	1	196	14	309
KINGS											
Avenal	2	13	38	1	4	-	3	-	3	-	-
Corcoran	-	37	75	-	9	-	6	-	8	-	2
Hanford	1	131	112	1	18	-	14	1	20	1	13
Lemoore	1	37	88	1	3	-	5	-	1	1	6
CITY ROADWAYS	4	218	313	3	34	-	28	1	32	2	21
Uninc. State Highways	19	181	173	8	30	-	-	-	-	1	5
County Roadways	11	170	190	3	46	-	2	-	5	-	11
UNINC. ROADWAYS	30	351	363	11	76	-	2	-	5	1	16
COUNTY TOTAL	34	569	676	14	110	-	30	1	37	3	37
LAKE											
Clearlake	2	60	47	2	22	-	5	-	3	1	4
Lakeport	1	28	39	-	5	1	3	-	6	-	1
CITY ROADWAYS	3	88	86	2	27	1	8	-	9	1	5
Uninc. State Highways	7	192	210	3	55	-	1	-	2	-	15
County Roadways	3	132	186	2	51	-	1	-	4	-	13
UNINC. ROADWAYS	10	324	396	5	106	-	2	-	6	-	28
COUNTY TOTAL	13	412	482	7	133	1	10	-	15	1	33
LASSEN											
Susanville	-	42	137	-	6	-	10	-	5	-	1
CITY ROADWAYS	-	42	137	-	6	-	10	-	5	-	1
Uninc. State Highways	13	140	115	4	28	1	1	-	-	1	4
County Roadways	1	48	66	1	11	-	-	-	3	-	6
UNINC. ROADWAYS	14	188	181	5	39	1	1	-	3	1	10
COUNTY TOTAL	14	230	318	5	45	1	11	-	8	1	11
LOS ANGELES											
Alhambra	3	455	829	1	48	-	40	-	28	1	29
Agoura	1	63	151	1	16	-	7	-	3	-	6
Arcadia	2	430	444	1	51	-	15	-	47	-	22
Artesia	2	168	214	1	21	1	8	-	20	-	11
Avalon	-	12	9	-	2	-	-	-	1	-	3
Azusa	6	354	470	2	50	4	20	-	29	1	33
Baldwin Park	10	508	646	5	104	4	31	-	39	-	37
Bell	5	276	353	3	51	2	40	-	11	2	15
Bellflower	13	560	790	8	84	3	30	-	31	1	49
Bell Gardens	2	267	600	-	35	-	52	1	36	-	24
Beverly Hills	1	395	17	-	37	1	48	-	27	-	34

TABLE 8A (Cont'd) PERSONS KILLED AND INJURED BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS											
	TOTAL		Motor Vehicle Driver		Passenger		Pedestrian		Bicyclist		Motorcyclist*	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
KERN (cont'd)												
CITY ROADWAYS	30	2,239	16	1,283	8	729	6	102	-	125	4	153
Uninc. State Highways	89	1,733	50	944	32	751	7	29	-	9	4	43
County Roadways	54	2,137	33	1,187	16	805	4	80	1	65	6	156
UNINC. ROADWAYS	143	3,870	83	2,131	48	1,556	11	109	1	74	10	199
COUNTY TOTAL	173	6,109	99	3,414	56	2,285	17	211	1	199	14	352
KINGS												
Avenal	2	22	1	9	1	7	-	3	-	3	-	-
Corcoran	-	56	-	20	-	21	-	7	-	8	-	3
Hanford	1	192	-	87	-	70	-	14	1	21	-	18
Lemoore	1	61	1	33	-	22	-	5	-	1	1	6
CITY ROADWAYS	4	331	2	149	1	120	-	29	1	33	1	27
Uninc. State Highways	27	363	14	188	13	175	-	-	-	-	1	8
County Roadways	13	309	6	179	7	123	-	2	-	5	-	16
UNINC. ROADWAYS	40	672	20	367	20	298	-	2	-	5	1	24
COUNTY TOTAL	44	1,003	22	516	21	418	-	31	1	38	2	51
LAKE												
Clearlake	4	105	1	57	3	40	-	5	-	3	1	8
Lakeport	1	30	-	15	-	6	1	3	-	6	-	1
CITY ROADWAYS	5	135	1	72	3	46	1	8	-	9	1	9
Uninc. State Highways	8	295	7	193	1	99	-	1	-	2	-	17
County Roadways	4	186	2	115	2	66	-	1	-	4	-	15
UNINC. ROADWAYS	12	481	9	308	3	165	-	2	-	6	-	32
COUNTY TOTAL	17	616	10	380	6	211	1	10	-	15	1	41
LASSEN												
Susanville	-	54	-	30	-	8	-	11	-	5	-	1
CITY ROADWAYS	-	54	-	30	-	8	-	11	-	5	-	1
Uninc. State Highways	14	260	11	138	2	121	1	1	-	-	1	6
County Roadways	1	68	1	38	-	26	-	-	-	4	-	7
UNINC. ROADWAYS	15	328	12	176	2	147	1	1	-	4	1	13
COUNTY TOTAL	15	382	12	206	2	155	1	12	-	9	1	14
LOS ANGELES												
Alhambra	3	679	3	336	-	272	-	42	-	29	1	27
Agoura	2	92	1	56	1	25	-	7	-	4	-	5
Arcadia	2	632	1	407	1	161	-	15	-	49	-	24
Artesia	2	240	-	142	1	68	1	9	-	21	-	11
Avalon	-	24	-	8	-	15	-	-	-	1	-	5
Azusa	6	558	1	300	1	207	4	21	-	30	1	40
Baldwin Park	10	756	3	416	3	264	4	34	-	42	-	38
Bell	5	435	2	190	1	193	2	41	-	11	2	18
Bellflower	13	807	9	501	1	241	3	33	-	32	1	52
Bell Gardens	2	376	1	144	-	137	-	59	1	36	-	27
Beverly Hills	1	565	-	345	-	143	1	50	-	27	-	39

* Motorcyclist Included under Motor Vehicle Driver & Passenger categories.

TABLE 8A (Cont'd) ACCIDENTS BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	ACCIDENTS										
	TOTAL			Alcohol Involved		Pedestrian Involved		Bicycle Involved		Motorcycle Involved	
	Fatal	Injury	Property Damage	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
LOS ANGELES (cont'd)											
Bradbury	-	1	1	-	-	-	-	-	-	-	-
Burbank	8	629	657	6	71	1	29	-	44	3	32
Carson	8	583	897	4	102	1	35	-	34	3	40
Cerritos	7	424	702	4	60	1	15	-	32	2	25
Claremont	3	232	330	-	28	1	6	-	24	-	16
Commerce	7	403	668	3	64	3	12	-	6	1	21
Compton	11	739	939	6	97	2	87	1	47	2	37
Covina	1	265	449	-	22	1	22	-	31	-	24
Cudahy	3	87	55	1	21	3	19	-	10	-	5
Culver City	3	364	398	1	46	2	25	-	25	-	29
Diamond Bar(4/89)	1	298	463	1	41	-	11	-	9	-	28
Downey	6	637	209	2	74	3	38	-	59	2	34
Duarte	1	104	177	-	8	-	15	-	14	-	6
El Monte	13	935	1,211	6	161	5	110	-	102	1	51
El Segundo	2	122	223	1	21	-	9	-	11	2	18
Gardena	2	389	209	1	55	1	29	-	30	-	24
Glendale	11	995	2,542	1	105	6	128	1	116	1	74
Glendora	5	241	467	1	37	1	11	1	34	1	21
Hawaiian Gardens	-	75	157	-	15	-	10	-	9	-	4
Hawthorne	8	543	580	3	72	3	50	-	49	3	49
Hermosa Beach	2	143	143	1	21	1	12	-	18	1	14
Hidden Hills	-	1	-	-	-	-	-	-	1	-	-
Huntington Park	3	410	514	1	59	1	70	-	42	-	17
Industry	7	319	500	2	55	2	7	-	9	1	22
Inglewood	10	721	967	3	92	4	103	-	44	2	55
Irwindale	8	243	225	4	44	2	9	-	2	1	13
La Canada/Flintridge	-	75	135	-	9	-	4	-	11	-	2
La Habra Heights	-	52	42	-	15	-	-	-	1	-	8
Lakewood	4	486	621	2	58	-	26	2	37	-	29
La Mirada	3	177	374	2	28	-	9	1	19	1	17
Lancaster	15	646	1,129	6	87	4	36	1	35	1	57
La Puente	2	199	278	1	37	1	27	-	9	-	11
La Verne	1	161	236	-	25	-	8	-	20	-	6
Lawndale	2	258	418	2	27	1	18	-	27	-	27
Lomita	3	99	189	-	11	-	7	-	11	-	9
Long Beach	58	3,354	4,862	27	609	17	442	1	246	16	266
Los Angeles	434	35,760	25,161	164	4,397	160	3,739	5	1,712	54	2,163
Lynwood	9	410	710	5	75	5	75	-	16	-	28
Manhattan Beach	4	172	323	1	27	-	11	1	22	2	16
Maywood	2	105	185	1	17	1	22	-	11	1	11
Monrovia	1	327	426	1	46	1	19	-	20	-	20
Montebello	9	505	666	5	70	7	43	-	29	1	20
Monterey Park	8	398	613	2	59	3	38	-	20	-	18
Norwalk	12	663	1,477	4	108	6	56	2	47	-	60
Palmdale	10	315	552	5	45	-	24	2	16	1	28
Palos Verdes Estates	2	28	47	1	2	-	2	-	10	1	2
Paramount	5	379	510	2	43	2	49	-	34	-	32
Pasadena	17	1,166	2,603	8	128	6	102	-	71	1	85
Pico Rivera	8	258	698	2	65	1	29	1	18	1	22
Pomona	23	1,321	2,406	10	189	3	65	1	68	5	100
Rancho Palos Verdes	1	122	157	1	11	-	4	-	17	1	9
Redondo Beach	4	508	823	2	79	-	29	-	67	2	62
Rolling Hills	-	6	12	-	2	-	1	-	-	-	-
Rolling Hills Estates	1	46	77	1	4	-	2	-	2	-	-

TABLE 8A (Cont'd) PERSONS KILLED AND INJURED BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS											
	TOTAL		Motor Vehicle		Passenger		Pedestrian		Bicyclist		Motorcyclist*	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
LOS ANGELES (cont'd)												
Bradbury	-	2	-	-	-	2	-	-	-	-	-	-
Burbank	8	952	7	582	-	297	1	30	-	43	3	33
Carson	8	920	6	548	1	301	1	35	-	36	3	38
Cerritos	7	627	6	384	-	195	1	16	-	32	2	27
Claremont	6	347	2	196	3	120	1	7	-	24	-	16
Commerce	7	656	2	381	2	254	3	15	-	6	1	21
Compton	12	1,146	7	575	2	430	2	93	1	48	2	42
Covina	1	393	-	227	-	109	1	24	-	33	-	30
Cudahy	3	114	-	42	-	43	3	19	-	10	-	5
Culver City	3	544	1	331	-	163	2	25	-	25	-	32
Diamond Bar(4/89)	1	457	1	286	-	150	-	12	-	9	-	30
Downey	6	925	2	503	1	321	3	38	-	63	2	39
Duarte	1	149	1	72	-	47	-	16	-	14	-	6
El Monte	13	1,493	4	726	4	545	5	121	-	101	1	54
El Segundo	2	166	2	114	-	31	-	10	-	11	2	18
Gardena	2	629	1	358	-	209	1	32	-	30	-	22
Glendale	11	1,411	3	761	1	396	6	139	1	115	1	81
Glendora	5	349	3	208	-	94	1	11	1	36	1	25
Hawalian Gardens	-	102	-	51	-	32	-	10	-	9	-	4
Hawthorne	8	758	4	443	1	214	3	53	-	48	3	56
Hermosa Beach	2	177	1	106	-	41	1	12	-	18	1	13
Hidden Hills	-	1	-	-	-	-	-	-	-	1	-	-
Huntington Park	4	656	1	251	1	278	2	81	-	46	-	20
Industry	8	528	5	319	1	193	2	8	-	8	1	25
Inglewood	11	1,126	4	580	3	383	4	118	-	45	3	58
Irwindale	8	360	6	234	-	115	2	9	-	2	1	14
La Canada/Flintridge	-	103	-	60	-	28	-	4	-	11	-	3
La Habra Heights	-	81	-	49	-	31	-	-	-	1	-	10
Lakewood	4	715	1	448	1	203	-	26	2	38	-	29
La Mirada	3	267	2	160	-	79	-	9	1	19	1	17
Lancaster	18	1,045	4	615	9	358	4	37	1	35	1	63
La Puente	3	310	1	160	1	111	1	30	-	9	-	12
La Verne	1	231	1	143	-	60	-	8	-	20	-	6
Lawndale	2	373	1	215	-	112	1	18	-	28	-	26
Lomita	3	131	2	78	1	34	-	7	-	12	-	11
Long Beach	60	4,724	36	2,514	6	1,509	17	455	1	246	17	295
Los Angeles	457	59,620	205	34,159	92	19,736	156	3,984	4	1,741	50	2,387
Lynwood	9	650	1	295	3	259	5	80	-	16	-	31
Manhattan Beach	4	239	3	142	-	63	-	12	1	22	2	19
Maywood	2	144	1	58	-	52	1	23	-	11	1	10
Monrovia	1	478	-	293	-	144	1	20	-	21	-	22
Montebello	9	798	2	426	-	291	7	50	-	31	1	23
Monterey Park	8	579	3	320	2	197	3	42	-	20	-	20
Norwalk	12	1,035	3	585	1	346	6	56	2	48	-	65
Palmdale	11	524	5	309	4	175	-	25	2	15	1	31
Palos Verdes Estates	2	39	2	17	-	10	-	2	-	10	1	3
Paramount	5	560	1	292	2	185	2	50	-	33	-	33
Pasadena	19	1,696	9	949	4	565	6	109	-	73	1	87
Pico Rivera	8	394	4	181	2	166	1	28	1	19	1	24
Pomona	26	2,022	16	1,149	7	732	2	70	1	71	5	110
Rancho Palos Verdes	1	171	1	95	-	54	-	4	-	18	1	10
Redondo Beach	5	712	4	425	1	185	-	32	-	70	2	69
Rolling Hills	-	9	-	4	-	4	-	1	-	-	-	-
Rolling Hills Estates	2	78	1	42	1	32	-	2	-	2	-	-

* Motorcyclist included under Motor Vehicle Driver & Passenger categories.

TABLE 8A (Cont'd) ACCIDENTS BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	ACCIDENTS										
	TOTAL			Alcohol Involved		Pedestrian Involved		Bicycle Involved		Motorcycle Involved	
	Fatal	Injury	Property Damage	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
LOS ANGELES (cont'd)											
Rosemead	5	368	665	3	56	3	34	-	30	1	27
San Dimas	7	181	285	2	25	1	3	-	7	1	4
San Fernando	-	142	280	-	20	-	26	-	8	-	5
San Gabriel	3	267	580	1	31	1	35	-	22	1	19
San Marino	-	102	156	-	14	-	4	-	10	-	4
Santa Clarita	11	735	1,130	3	81	1	26	1	53	3	70
Santa Fe Springs	10	293	690	5	54	1	9	-	17	2	17
Santa Monica	6	636	1,492	3	96	4	132	-	62	-	71
Sierra Madre	-	16	64	-	1	-	1	-	2	-	5
Signal Hill	-	120	229	-	13	-	2	-	9	-	12
South El Monte	-	188	418	-	38	-	13	-	17	-	10
South Gate	5	461	569	4	96	2	72	1	39	1	37
South Pasadena	1	70	35	-	6	-	5	-	8	-	3
Temple City	1	132	233	-	14	-	15	1	17	-	5
Torrance	6	837	1,527	5	108	-	43	-	69	1	88
Vernon	1	229	449	1	25	-	6	-	13	-	6
Walnut	2	77	133	1	8	1	3	-	9	-	8
West Covina	12	642	1,407	5	99	1	29	-	43	3	52
West Hollywood	3	374	657	2	62	2	95	-	22	1	48
Westlake Village	1	21	35	1	5	-	1	-	2	-	1
Whittier	1	420	159	-	60	-	28	-	40	1	38
CITY ROADWAYS	888	67,698	75,129	365	9,055	294	6,622	24	4,169	134	4,561
Uninc. State Highways	82	2,359	3,248	37	520	6	57	1	26	10	201
County Roadways	124	5,646	7,371	62	1,278	22	565	4	416	20	426
UNINC. ROADWAYS	206	8,005	10,619	99	1,798	28	622	5	442	30	627
COUNTY TOTAL	1,094	75,703	85,748	464	10,853	322	7,244	29	4,611	164	5,188
MADERA											
Chowchilla	1	33	69	-	3	1	5	-	4	-	1
Madera	-	144	347	-	29	-	16	-	23	-	12
CITY ROADWAYS	1	177	416	-	32	1	21	-	27	-	13
Uninc. State Highways	23	254	291	16	56	1	3	-	-	3	6
County Roadways	14	253	316	4	71	-	10	-	7	2	18
UNINC. ROADWAYS	37	507	607	20	127	1	13	-	7	5	24
COUNTY TOTAL	38	684	1,023	20	159	2	34	-	34	5	37
MARIN											
Belvedere	-	7	23	-	-	-	-	-	3	-	-
Corte Madera	1	59	128	-	6	-	4	1	11	-	7
Fairfax	-	23	85	-	4	-	4	-	6	-	3
Larkspur	1	72	141	1	9	-	3	-	4	-	7
Mill Valley	-	39	144	-	4	-	4	-	5	-	2
Novato	2	193	379	2	37	-	10	-	35	-	13
Ross	-	10	31	-	3	-	-	-	3	-	-
San Anselmo	-	37	154	-	4	-	1	-	10	-	2
San Rafael	4	312	419	3	44	1	27	-	25	1	21
Sausalito	-	75	107	-	14	-	5	-	26	-	7
Tiburon	-	19	37	-	2	-	4	-	3	-	-
CITY ROADWAYS	8	846	1,648	6	127	1	62	1	131	1	63
Uninc. State Highways	11	254	342	7	51	1	4	-	4	3	33
County Roadways	9	268	303	7	61	1	12	-	31	3	32

TABLE 8A (Cont'd) PERSONS KILLED AND INJURED BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS											
	TOTAL		Motor Vehicle Driver		Passenger		Pedestrian		Bicyclist		Motorcyclist*	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
LOS ANGELES (cont'd)												
Rosemead	5	555	2	298	-	192	3	35	-	30	1	32
San Dimas	8	309	5	190	2	108	1	4	-	7	2	4
San Fernando	-	196	-	94	-	65	-	28	-	9	-	5
San Gabriel	3	394	2	222	-	112	1	36	-	24	1	20
San Marino	-	148	-	93	-	40	-	5	-	10	-	4
Santa Clarita	11	1,171	6	667	3	421	1	29	1	54	3	78
Santa Fe Springs	10	487	3	278	6	183	1	9	-	17	2	21
Santa Monica	6	870	1	443	1	227	4	139	-	61	-	74
Sierra Madre	-	19	-	9	-	7	-	1	-	2	-	6
Signal Hill	-	200	-	117	-	72	-	2	-	9	-	16
South El Monte	-	312	-	151	-	129	-	14	-	18	-	10
South Gate	5	695	2	309	-	269	2	77	1	40	1	43
South Pasadena	1	94	-	59	1	21	-	5	-	9	-	3
Temple City	1	203	-	112	-	58	-	16	1	17	-	6
Torrance	7	1,219	5	762	2	345	-	44	-	68	1	91
Vernon	1	326	-	199	1	107	-	6	-	14	-	7
Walnut	2	123	-	68	1	42	1	4	-	9	-	9
West Covina	12	1,011	8	570	3	368	1	28	-	45	3	57
West Hollywood	3	513	1	263	-	127	2	101	-	22	1	50
Westlake Village	1	32	1	16	-	13	-	1	-	2	-	2
Whittier	1	611	1	350	-	191	-	29	-	41	1	43
CITY ROADWAYS	935	107,368	436	60,576	186	35,507	290	7,042	23	4,243	133	4,992
Uninc. State Highways	93	3,857	56	2,359	30	1,413	6	58	1	27	11	222
County Roadways	134	8,646	75	4,813	33	2,819	22	586	4	428	20	470
UNINC. ROADWAYS	227	12,503	131	7,172	63	4,232	28	644	5	455	31	692
COUNTY TOTAL	1,162	119,871	567	67,748	249	39,739	318	7,686	28	4,698	164	5,684
MADERA												
Chowchilla	1	52	-	17	-	26	1	5	-	4	-	2
Madera	-	208	-	100	-	67	-	15	-	26	-	14
CITY ROADWAYS	1	260	-	117	-	93	1	20	-	30	-	16
Uninc. State Highways	34	469	21	266	12	199	1	4	-	-	3	7
County Roadways	18	413	10	225	8	170	-	11	-	7	3	20
UNINC. ROADWAYS	52	882	31	491	20	369	1	15	-	7	6	27
COUNTY TOTAL	53	1,142	31	608	20	462	2	35	-	37	6	43
MARIN												
Belvedere	-	7	-	3	-	1	-	-	-	3	-	-
Corte Madera	1	83	-	49	-	18	-	4	1	12	-	7
Fairfax	-	27	-	14	-	3	-	4	-	6	-	4
Larkspur	1	99	-	68	1	23	-	4	-	4	-	8
Mill Valley	-	56	-	31	-	15	-	5	-	5	-	2
Novato	3	271	2	150	1	75	-	10	-	36	-	15
Ross	-	10	-	6	-	1	-	-	-	3	-	-
San Anselmo	-	44	-	25	-	8	-	1	-	10	-	2
San Rafael	4	427	3	259	-	116	1	28	-	24	1	24
Sausalito	-	94	-	40	-	24	-	5	-	25	-	7
Tiburon	-	24	-	10	-	6	-	5	-	3	-	-
CITY ROADWAYS	9	1,142	5	655	2	290	1	66	1	131	1	69
Uninc. State Highways	11	375	9	249	1	119	1	4	-	3	3	33
County Roadways	9	382	5	228	3	110	1	12	-	32	3	34

* Motorcyclist included under Motor Vehicle Driver & Passenger categories.

TABLE 8A (Cont'd) ACCIDENTS BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	ACCIDENTS										
	TOTAL			Alcohol Involved		Pedestrian Involved		Bicycle Involved		Motorcycle Involved	
	Fatal	Injury	Property Damage	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
MARIN (cont'd)											
UNINC. ROADWAYS	20	522	645	14	112	2	16	-	35	6	65
COUNTY TOTAL	28	1,368	2,293	20	239	3	78	1	166	7	127
MARIPOSA											
CITY ROADWAYS	-	-	-	-	-	-	-	-	-	-	-
Uninc. State Highways	3	69	106	2	21	-	-	-	-	1	7
County Roadways	1	55	54	-	20	-	2	-	1	1	5
UNINC. ROADWAYS	4	124	160	2	41	-	2	-	1	2	12
COUNTY TOTAL	4	124	160	2	41	-	2	-	1	2	12
MENDOCINO											
Fort Bragg	2	40	87	-	8	-	6	-	5	1	2
Point Arena	-	-	-	-	-	-	-	-	-	-	-
Ukiah	-	95	202	-	18	-	13	-	15	-	6
Willits	-	45	65	-	4	-	6	-	3	-	9
CITY ROADWAYS	2	180	354	-	30	-	25	-	23	1	17
Uninc. State Highways	17	341	367	8	72	1	7	-	4	1	24
County Roadways	9	222	240	7	83	1	11	-	8	-	17
UNINC. ROADWAYS	26	563	607	15	155	2	18	-	12	1	41
COUNTY TOTAL	28	743	961	15	185	2	43	-	35	2	58
MERCED											
Atwater	-	90	187	-	5	-	7	-	10	-	5
Dos Palos	-	11	19	-	1	-	2	-	2	-	-
Gustine	-	7	24	-	1	-	-	-	2	-	1
Livingston	3	36	107	1	5	2	5	-	1	1	1
Los Banos	2	117	215	2	15	1	5	-	8	-	5
Merced	5	526	536	2	58	3	43	-	50	1	29
CITY ROADWAYS	10	787	1,088	5	85	6	62	-	73	2	41
Uninc. State Highways	38	457	537	14	81	5	6	-	3	-	19
County Roadways	25	324	493	15	91	1	11	1	20	3	15
UNINC. ROADWAYS	63	781	1,030	29	172	6	17	1	23	3	34
COUNTY TOTAL	73	1,568	2,118	34	257	12	79	1	96	5	75
MODOC											
Alturas	-	1	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	-	1	-	-	-	-	-	-	-	-	-
Uninc. State Highways	2	30	37	2	8	-	-	-	-	-	1
County Roadways	3	34	22	2	13	-	-	-	-	1	1
UNINC. ROADWAYS	5	64	59	4	21	-	-	-	-	1	2
COUNTY TOTAL	5	65	59	4	21	-	-	-	-	1	2
MONO											
Mammoth Lakes	2	40	83	-	8	1	3	-	8	-	3

TABLE 8A (Cont'd) PERSONS KILLED AND INJURED BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS											
	TOTAL		Motor Vehicle Driver		Passenger		Pedestrian		Bicyclist		Motorcyclist*	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
MARIN (cont'd)												
UNINC. ROADWAYS	20	757	14	477	4	229	2	16	-	35	6	67
COUNTY TOTAL	29	1,899	19	1,132	6	519	3	82	1	166	7	136
MARIPOSA												
CITY ROADWAYS	-	-	-	-	-	-	-	-	-	-	-	-
Uninc. State Highways	3	106	2	64	1	42	-	-	-	-	1	7
County Roadways	1	98	1	50	-	45	-	2	-	1	1	5
UNINC. ROADWAYS	4	204	3	114	1	87	-	2	-	1	2	12
COUNTY TOTAL	4	204	3	114	1	87	-	2	-	1	2	12
MENDOCINO												
Fort Bragg	2	58	2	22	-	25	-	6	-	5	1	2
Point Arena	-	-	-	-	-	-	-	-	-	-	-	-
Ukiah	-	127	-	63	-	36	-	13	-	15	-	5
Willits	-	64	-	37	-	17	-	7	-	3	-	10
CITY ROADWAYS	2	249	2	122	-	78	-	26	-	23	1	17
Uninc. State Highways	20	551	15	334	4	205	1	8	-	4	1	27
County Roadways	10	332	6	188	3	122	1	13	-	9	-	21
UNINC. ROADWAYS	30	883	21	522	7	327	2	21	-	13	1	48
COUNTY TOTAL	32	1,132	23	644	7	405	2	47	-	36	2	65
MERCED												
Atwater	-	136	-	67	-	52	-	7	-	10	-	4
Dos Palos	-	13	-	5	-	4	-	2	-	2	-	-
Gustine	-	11	-	5	-	4	-	-	-	2	-	2
Livingston	3	58	1	30	-	22	2	5	-	1	1	1
Los Banos	2	194	-	108	1	72	1	6	-	8	-	7
Merced	8	757	2	394	2	264	4	47	-	52	-	31
CITY ROADWAYS	13	1,169	3	609	3	418	7	67	-	75	1	45
Uninc. State Highways	52	887	19	455	28	422	5	7	-	3	-	22
County Roadways	31	539	16	302	13	204	1	12	1	21	3	17
UNINC. ROADWAYS	83	1,426	35	757	41	626	6	19	1	24	3	39
COUNTY TOTAL	96	2,595	38	1,366	44	1,044	13	86	1	99	4	84
MODOC												
Alturas	-	1	-	1	-	-	-	-	-	-	-	-
CITY ROADWAYS	-	1	-	1	-	-	-	-	-	-	-	-
Uninc. State Highways	2	48	1	28	1	20	-	-	-	-	-	1
County Roadways	3	64	2	31	1	33	-	-	-	-	1	2
UNINC. ROADWAYS	5	112	3	59	2	53	-	-	-	-	1	3
COUNTY TOTAL	5	113	3	60	2	53	-	-	-	-	1	3
MONO												
Mammoth Lakes	2	63	1	28	-	24	1	3	-	8	-	3

* Motorcyclist included under Motor Vehicle Driver & Passenger categories.

TABLE 8A (Cont'd) ACCIDENTS BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	ACCIDENTS										
	TOTAL			Alcohol Involved		Pedestrian Involved		Bicycle Involved		Motorcycle Involved	
	Fatal	Injury	Property Damage	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
MONO (cont'd)											
CITY ROADWAYS	2	40	83	-	8	1	3	-	8	-	3
Uninc. State Highways	5	101	97	1	28	-	-	-	1	-	7
County Roadways	-	8	12	-	5	-	-	-	1	-	-
UNINC. ROADWAYS	5	109	109	1	33	-	-	-	2	-	7
COUNTY TOTAL	7	149	192	1	41	1	3	-	10	-	10
MONTEREY											
Carmel	-	39	152	-	6	-	3	-	1	-	5
Del Rey Oaks	-	2	4	-	-	-	-	-	-	-	-
Gonzales	-	12	47	-	2	-	2	-	1	-	-
Greenfield	-	5	33	-	-	-	2	-	-	-	1
King City	-	29	50	-	6	-	6	-	5	-	2
Marina	-	83	242	-	11	-	6	-	6	-	4
Monterey	-	276	891	-	30	-	24	-	26	-	29
Pacific Grove	1	58	153	-	6	1	9	-	12	-	3
Salinas	4	472	2,156	2	81	1	58	-	55	2	28
Sand City	-	2	4	-	-	-	-	-	-	-	1
Seaside	1	176	466	1	20	-	18	-	21	1	20
Soledad	1	11	29	-	1	1	3	-	3	-	1
CITY ROADWAYS	7	1,165	4,227	3	163	3	131	-	130	3	94
Uninc. State Highways	47	542	813	22	126	5	5	1	7	3	26
County Roadways	21	613	907	10	179	2	14	1	10	1	51
UNINC. ROADWAYS	68	1,155	1,720	32	305	7	19	2	17	4	77
COUNTY TOTAL	75	2,320	5,947	35	468	10	150	2	147	7	171
NAPA											
Calistoga	-	13	57	-	1	-	2	-	2	-	-
Napa	2	423	347	1	79	-	22	-	56	1	37
Saint Helena	1	22	64	-	1	-	2	1	2	-	1
Yountville	-	2	11	-	-	-	-	-	-	-	-
CITY ROADWAYS	3	460	479	1	81	-	26	1	60	1	38
Uninc. State Highways	6	259	219	2	52	-	1	-	4	1	24
County Roadways	10	238	219	3	70	-	2	-	14	2	27
UNINC. ROADWAYS	16	497	438	5	122	-	3	-	18	3	51
COUNTY TOTAL	19	957	917	6	203	-	29	1	78	4	89
NEVADA											
Grass Valley	1	48	96	1	6	-	9	-	5	1	4
Nevada City	-	15	35	-	4	-	1	-	-	-	-
CITY ROADWAYS	1	63	131	1	10	-	10	-	5	1	4
Uninc. State Highways	15	254	285	7	67	1	7	-	-	1	9
County Roadways	5	208	251	3	57	-	9	-	5	2	24
UNINC. ROADWAYS	20	462	536	10	124	1	16	-	5	3	33
COUNTY TOTAL	21	525	667	11	134	1	26	-	10	4	37
ORANGE											
Anaheim	32	2,709	3,853	16	298	11	136	1	188	6	211

TABLE 8A (Cont'd) PERSONS KILLED AND INJURED BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS											
	TOTAL Killed Injured		Motor Vehicle Driver Killed Injured		Passenger Killed Injured		Pedestrian Killed Injured		Bicyclist Killed Injured		Motorcyclist* Killed Injured	
MONO (cont'd)												
CITY ROADWAYS	2	63	1	28	-	24	1	3	-	8	-	3
Uninc. State Highways	6	166	4	98	2	67	-	-	-	1	-	9
County Roadways	-	12	-	8	-	3	-	-	-	1	-	-
UNINC. ROADWAYS	6	178	4	106	2	70	-	-	-	2	-	9
COUNTY TOTAL	8	241	5	134	2	94	1	3	-	10	-	12
MONTEREY												
Carmel	-	60	-	30	-	26	-	3	-	1	-	5
Del Rey Oaks	-	2	-	1	-	1	-	-	-	-	-	-
Gonzales	-	18	-	7	-	8	-	2	-	1	-	-
Greenfield	-	11	-	4	-	5	-	2	-	-	-	1
King City	-	41	-	19	-	12	-	5	-	5	-	2
Marina	-	120	-	64	-	43	-	6	-	7	-	4
Monterey	-	359	-	209	-	100	-	24	-	26	-	31
Pacific Grove	1	78	-	37	-	17	1	10	-	14	-	3
Salinas	4	650	3	332	-	201	1	62	-	55	2	30
Sand City	-	3	-	2	-	1	-	-	-	-	-	2
Seaside	1	247	1	132	-	76	-	18	-	21	1	21
Soledad	1	16	-	5	-	4	1	4	-	3	-	1
CITY ROADWAYS	7	1,605	4	842	-	494	3	136	-	133	3	100
Uninc. State Highways	55	950	32	533	17	405	5	5	1	7	3	31
County Roadways	25	975	14	613	8	337	2	15	1	10	1	55
UNINC. ROADWAYS	80	1,925	46	1,146	25	742	7	20	2	17	4	86
COUNTY TOTAL	87	3,530	50	1,988	25	1,236	10	156	2	150	7	186
NAPA												
Callstoga	-	15	-	7	-	3	-	3	-	2	-	-
Napa	2	645	1	356	1	209	-	23	-	57	1	41
Saint Helena	1	26	-	12	-	10	-	2	1	2	-	1
Yountville	-	2	-	2	-	-	-	-	-	-	-	-
CITY ROADWAYS	3	688	1	377	1	222	-	28	1	61	1	42
Uninc. State Highways	6	466	4	274	2	187	-	1	-	4	1	31
County Roadways	10	382	8	239	2	127	-	2	-	14	2	33
UNINC. ROADWAYS	16	848	12	513	4	314	-	3	-	18	3	64
COUNTY TOTAL	19	1,536	13	890	5	536	-	31	1	79	4	106
NEVADA												
Grass Valley	1	63	1	30	-	18	-	10	-	5	1	5
Nevada City	-	23	-	13	-	7	-	3	-	-	-	-
CITY ROADWAYS	1	86	1	43	-	25	-	13	-	5	1	5
Uninc. State Highways	18	458	11	237	6	211	1	10	-	-	1	10
County Roadways	5	316	5	182	-	119	-	10	-	5	2	29
UNINC. ROADWAYS	23	774	16	419	6	330	1	20	-	5	3	39
COUNTY TOTAL	24	860	17	462	6	355	1	33	-	10	4	44
ORANGE												
Anaheim	34	4,249	15	2,528	6	1,386	12	144	1	191	6	214

* Motorcyclist included under Motor Vehicle Driver & Passenger categories.

TABLE 8A (Cont'd) ACCIDENTS BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	ACCIDENTS										
	TOTAL			Alcohol Involved		Pedestrian Involved		Bicycle Involved		Motorcycle Involved	
	Fatal	Injury	Property Damage	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
ORANGE (cont'd)											
Brea	14	257	654	5	29	3	7	-	23	-	17
Buena Park	12	564	936	5	77	7	33	-	41	2	27
Costa Mesa	13	795	1,038	6	180	1	45	2	77	-	95
Cypress	1	258	356	-	30	-	12	-	47	1	21
Dana Point(1/89)	4	197	341	2	39	-	8	-	18	-	16
Fountain Valley	5	524	754	1	76	1	15	2	48	-	23
Fullerton	13	1,028	1,662	2	144	4	48	1	83	1	84
Garden Grove	15	1,402	2,284	6	225	8	64	-	101	4	98
Huntington Beach	13	1,250	2,399	6	225	3	56	-	131	4	110
Irvine	14	817	1,502	7	104	2	20	-	79	1	51
Laguna Beach	4	262	618	2	59	1	32	-	19	-	16
La Habra	4	429	630	1	70	-	28	-	35	1	23
La Palma	1	76	123	1	8	-	5	-	13	1	8
Los Alamitos	-	120	197	-	19	-	4	-	14	-	8
Mission Viejo	4	412	692	3	60	-	12	-	14	-	31
Newport Beach	5	613	1,077	-	127	1	33	-	103	3	44
Orange	15	1,033	2,285	4	179	6	54	-	98	3	86
Placentia	5	313	402	1	48	1	17	1	45	-	12
San Clemente	4	210	444	4	41	-	15	-	21	-	28
San Juan Capistrano	5	188	337	4	35	1	14	-	10	2	7
Santa Ana	39	2,633	2,331	15	425	14	252	3	234	5	157
Seal Beach	8	258	373	1	54	1	7	-	12	-	16
Stanton	1	187	487	-	36	-	16	1	20	-	20
Tustin	6	522	1,186	2	68	2	16	1	46	-	29
Villa Park	-	7	26	-	-	-	-	-	1	-	1
Westminster	10	736	162	5	110	2	33	-	85	1	62
Yorba Linda	2	202	402	2	28	-	6	-	24	-	16
CITY ROADWAYS	249	18,002	27,551	101	2,785	69	988	12	1,630	35	1,317
Uninc. State Highways	11	311	542	4	67	-	7	-	9	1	26
County Roadways	21	1,191	1,995	9	207	-	38	1	92	6	80
UNINC. ROADWAYS	32	1,502	2,537	13	274	-	45	1	101	7	106
COUNTY TOTAL	281	19,504	30,088	114	3,059	69	1,033	13	1,731	42	1,423
PLACER											
Auburn	1	127	289	-	16	1	6	-	3	-	8
Colfax	-	1	24	-	1	-	-	-	-	-	-
Lincoln	-	22	38	-	2	-	1	-	5	-	2
Loomis	1	18	62	-	3	-	2	-	2	-	2
Rocklin	1	67	144	-	13	-	1	-	6	1	5
Roseville	7	306	595	6	37	2	26	-	22	3	22
CITY ROADWAYS	10	541	1,152	6	72	3	36	-	38	4	39
Uninc. State Highways	23	467	562	9	93	1	17	1	16	2	15
County Roadways	16	393	527	10	112	2	13	-	20	4	37
UNINC. ROADWAYS	39	860	1,089	19	205	3	30	1	36	6	52
COUNTY TOTAL	49	1,401	2,241	25	277	6	66	1	74	10	91
PLUMAS											
Portola	-	-	2	-	-	-	-	-	-	-	-
CITY ROADWAYS	-	-	2	-	-	-	-	-	-	-	-
Uninc. State Highways	10	121	106	7	28	-	1	-	2	-	12
County Roadways	1	51	49	-	11	-	1	-	-	-	6
UNINC. ROADWAYS	11	172	155	7	39	-	2	-	2	-	18

TABLE 8A (Cont'd) PERSONS KILLED AND INJURED BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS											
	TOTAL		Motor Vehicle Driver		Passenger		Pedestrian		Bicyclist		Motorcyclist*	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
ORANGE (cont'd)												
Brea	15	373	8	253	4	89	3	8	-	23	-	16
Buena Park	12	871	3	506	2	285	7	37	-	43	2	29
Costa Mesa	13	1,096	5	685	5	289	1	46	2	76	-	103
Cypress	1	338	1	201	-	77	-	12	-	48	1	20
Dana Point(1/89)	4	279	3	165	1	86	-	9	-	19	-	16
Fountain Valley	5	750	2	482	-	206	1	14	2	48	-	25
Fullerton	13	1,496	2	929	6	428	4	54	1	85	1	89
Garden Grove	15	2,070	6	1,134	1	771	8	65	-	100	4	105
Huntington Beach	13	1,814	7	1,059	3	565	3	57	-	133	4	112
Irvine	14	1,212	10	727	2	383	2	23	-	79	1	52
Laguna Beach	5	400	3	224	1	121	1	36	-	19	-	18
La Habra	4	619	3	390	1	166	-	28	-	35	1	25
La Palma	1	106	1	63	-	25	-	5	-	13	1	9
Los Alamitos	-	162	-	95	-	49	-	4	-	14	-	10
Mission Viejo	4	634	4	403	-	206	-	11	-	14	-	29
Newport Beach	6	897	3	503	2	254	1	35	-	105	3	44
Orange	15	1,443	7	837	2	453	6	54	-	99	3	88
Placentia	5	436	2	274	1	98	1	17	1	47	-	12
San Clemente	6	331	2	170	4	124	-	15	-	22	-	32
San Juan Capistrano	5	288	3	150	1	112	1	16	-	10	2	8
Santa Ana	45	3,993	14	2,130	15	1,351	13	277	3	235	5	173
Seal Beach	8	393	5	258	2	114	1	8	-	13	-	17
Stanton	1	259	-	147	-	76	-	16	1	20	-	24
Tustin	6	774	2	519	1	193	2	16	1	46	-	37
Villa Park	-	14	-	7	-	6	-	-	-	1	-	1
Westminster	11	1,149	3	661	6	363	2	36	-	89	1	68
Yorba Linda	2	302	-	180	2	91	-	6	-	25	-	15
CITY ROADWAYS	263	26,748	114	15,680	68	8,367	69	1,049	12	1,652	35	1,321
Uninc. State Highways	11	494	8	306	3	171	-	7	-	10	1	28
County Roadways	24	1,835	13	1,192	10	509	-	40	1	94	7	87
UNINC. ROADWAYS	35	2,329	21	1,498	13	680	-	47	1	104	8	115
COUNTY TOTAL	298	29,077	135	17,178	81	9,047	69	1,096	13	1,756	43	1,506
PLACER												
Auburn	1	191	-	106	-	73	1	9	-	3	-	9
Colfax	-	2	-	1	-	1	-	-	-	-	-	-
Lincoln	-	36	-	14	-	16	-	1	-	5	-	3
Loomis	1	20	1	12	-	4	-	2	-	2	-	2
Rocklin	1	105	1	56	-	42	-	1	-	6	1	5
Roseville	7	443	5	267	-	123	2	29	-	24	3	21
CITY ROADWAYS	10	797	7	456	-	259	3	42	-	40	4	40
Uninc. State Highways	32	787	17	425	13	327	1	19	1	16	2	17
County Roadways	18	596	12	356	4	205	2	14	-	21	4	40
UNINC. ROADWAYS	50	1,383	29	781	17	532	3	33	1	37	6	57
COUNTY TOTAL	60	2,180	36	1,237	17	791	6	75	1	77	10	97
PLUMAS												
Portola	-	-	-	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	-	-	-	-	-	-	-	-	-	-	-	-
Uninc. State Highways	10	192	7	124	3	65	-	1	-	2	-	14
County Roadways	1	96	1	51	-	44	-	1	-	-	-	7
UNINC. ROADWAYS	11	288	8	175	3	109	-	2	-	2	-	21

* Motorcyclist included under Motor Vehicle Driver & Passenger categories.

TABLE 8A (Cont'd) ACCIDENTS BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	ACCIDENTS										
	TOTAL			Alcohol Involved		Pedestrian Involved		Bicycle Involved		Motorcycle Involved	
	Fatal	Injury	Property Damage	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
PLUMAS (cont'd)											
COUNTY TOTAL	11	172	157	7	39	-	2	-	2	-	18
RIVERSIDE											
Banning	5	120	247	1	26	1	4	-	19	-	9
Beaumont	2	39	62	1	7	-	2	-	5	-	3
Blythe	2	38	11	2	4	2	3	-	6	-	2
Cathedral City	6	158	274	2	33	-	17	-	3	2	33
Coachella	2	97	229	-	24	-	14	-	1	-	2
Corona	13	564	1,210	4	94	-	29	-	44	1	73
Desert Hot Springs	2	38	38	1	11	-	3	-	3	1	8
Hemet	6	269	520	1	36	2	15	2	23	-	30
Indian Wells	1	27	52	-	6	-	-	-	1	-	2
Indio	8	270	605	2	52	2	26	-	13	1	22
Lake Elsinore	7	105	137	5	32	2	2	-	3	1	10
La Quinta	1	38	62	1	7	-	1	-	1	1	6
Moreno Valley	8	453	835	3	47	-	36	-	49	-	36
Norco	4	111	205	2	18	1	7	-	10	-	13
Palm Desert	1	171	372	-	36	-	4	-	9	-	7
Palm Springs	7	277	439	3	69	3	27	-	22	1	33
Perris	9	156	175	3	22	-	8	-	5	-	14
Rancho Mirage	3	81	147	-	17	-	-	-	1	-	7
Riverside	35	2,486	3,857	12	341	6	119	1	132	4	181
San Jacinto	1	74	106	-	9	1	4	-	6	-	11
Temecula(12/89)	-	8	20	-	-	-	-	-	-	-	-
CITY ROADWAYS	123	5,580	9,653	43	891	20	321	3	356	12	502
Uninc. State Highways	103	1,287	1,481	47	269	10	25	1	12	5	97
County Roadways	105	2,063	2,689	52	465	9	68	5	108	18	221
UNINC. ROADWAYS	208	3,350	4,170	99	734	19	93	6	120	23	318
COUNTY TOTAL	331	8,930	13,823	142	1,625	39	414	9	476	35	820
SACRAMENTO											
Folsom	4	118	243	2	28	-	3	-	13	-	9
Galt	-	28	64	-	6	-	2	-	5	-	-
Isleton	1	-	-	-	-	-	-	-	-	-	-
Sacramento	54	3,948	2,158	22	597	13	259	-	287	9	221
CITY ROADWAYS	59	4,094	2,465	24	631	13	264	-	305	9	230
Uninc. State Highways	22	620	754	10	147	-	14	-	1	1	38
County Roadways	66	4,589	6,041	33	839	10	221	3	430	13	339
UNINC. ROADWAYS	88	5,209	6,795	43	986	10	235	3	431	14	377
COUNTY TOTAL	147	9,303	9,260	67	1,617	23	499	3	736	23	607
SAN BENITO											
Hollister	1	126	361	-	26	1	9	-	15	-	9
San Juan Bautista	-	2	6	-	-	-	-	-	-	-	-
CITY ROADWAYS	1	128	367	-	26	1	9	-	15	-	9
Uninc. State Highways	3	80	80	1	13	-	-	-	1	-	5
County Roadways	4	76	106	-	26	-	-	-	2	-	3
UNINC. ROADWAYS	7	156	186	1	39	-	-	-	3	-	8
COUNTY TOTAL	8	284	553	1	65	1	9	-	18	-	17

TABLE 8A (Cont'd) PERSONS KILLED AND INJURED BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS											
	TOTAL Killed Injured		Motor Vehicle Driver Killed Injured		Passenger Killed Injured		Pedestrian Killed Injured		Bicyclist Killed Injured		Motorcyclist* Killed Injured	
PLUMAS (cont'd)												
COUNTY TOTAL	11	288	8	175	3	109	-	2	-	2	-	21
RIVERSIDE												
Banning	5	175	3	83	1	65	1	7	-	20	-	8
Beaumont	2	58	2	28	-	23	-	2	-	5	-	3
Blythe	2	48	-	28	-	11	2	3	-	6	-	3
Cathedral City	7	235	4	150	3	65	-	17	-	3	2	34
Coachella	2	142	2	70	-	57	-	14	-	1	-	2
Corona	18	813	12	511	6	222	-	35	-	45	1	80
Desert Hot Springs	2	52	2	31	-	15	-	3	-	3	1	10
Hemet	6	408	2	251	-	120	2	15	2	22	-	32
Indian Wells	2	37	1	23	1	13	-	-	-	1	-	2
Indio	8	409	5	218	1	149	2	28	-	14	1	25
Lake Elsinore	12	168	4	108	6	55	2	2	-	3	1	12
La Quinta	1	51	1	34	-	15	-	1	-	1	1	6
Moreno Valley	11	654	6	360	5	207	-	38	-	49	-	37
Norco	4	156	3	80	-	57	1	8	-	11	-	12
Palm Desert	1	243	1	164	-	66	-	4	-	9	-	8
Palm Springs	7	420	3	233	1	138	3	27	-	22	1	36
Perris	12	290	9	161	3	116	-	8	-	5	-	14
Rancho Mirage	3	119	2	73	1	45	-	-	-	1	-	8
Riverside	39	3,865	23	2,335	10	1,267	5	127	1	136	4	203
San Jacinto	1	106	-	67	-	29	1	4	-	6	-	15
Temecula(12/89)	-	8	-	7	-	1	-	-	-	-	-	-
CITY ROADWAYS	145	8,457	85	5,015	38	2,736	19	343	3	363	12	550
Uninc. State Highways	134	2,279	76	1,315	47	923	10	29	1	12	5	107
County Roadways	121	3,336	78	2,029	29	1,123	9	70	5	114	18	247
UNINC. ROADWAYS	255	5,615	154	3,344	76	2,046	19	99	6	126	23	354
COUNTY TOTAL	400	14,072	239	8,359	114	4,782	38	442	9	489	35	904
SACRAMENTO												
Folsom	4	169	2	90	2	63	-	3	-	13	-	12
Galt	-	38	-	24	-	7	-	2	-	5	-	-
Isleton	1	-	1	-	-	-	-	-	-	-	-	-
Sacramento	59	5,936	27	3,442	19	1,931	13	272	-	291	9	231
CITY ROADWAYS	64	6,143	30	3,556	21	2,001	13	277	-	309	9	243
Uninc. State Highways	25	942	14	648	11	279	-	14	-	1	1	48
County Roadways	73	6,996	45	4,258	15	2,072	10	228	3	438	13	379
UNINC. ROADWAYS	98	7,938	59	4,906	26	2,351	10	242	3	439	14	427
COUNTY TOTAL	162	14,081	89	8,462	47	4,352	23	519	3	748	23	670
SAN BENITO												
Hollister	1	194	-	95	-	74	1	11	-	14	-	12
San Juan Bautista	-	2	-	2	-	-	-	-	-	-	-	-
CITY ROADWAYS	1	196	-	97	-	74	1	11	-	14	-	12
Uninc. State Highways	3	140	1	80	2	59	-	-	-	1	-	7
County Roadways	4	117	2	73	2	42	-	-	-	2	-	4
UNINC. ROADWAYS	7	257	3	153	4	101	-	-	-	3	-	11
COUNTY TOTAL	8	453	3	250	4	175	1	11	-	17	-	23

* Motorcyclist included under Motor Vehicle Driver & Passenger categories.

TABLE 8A (Cont'd) ACCIDENTS BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	ACCIDENTS										
	TOTAL			Alcohol Involved		Pedestrian Involved		Bicycle Involved		Motorcycle Involved	
	Fatal	Injury	Property Damage	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
SAN BERNARDINO											
Adelanto	2	32	69	2	6	-	2	-	2	-	4
Apple Valley	10	239	372	3	27	5	8	-	11	-	27
Barstow	8	122	358	6	23	1	9	-	6	2	13
Big Bear Lake	-	80	159	-	23	-	10	-	6	-	10
Chino	13	479	646	4	64	4	18	1	32	-	30
Colton	9	288	536	3	52	-	17	-	15	-	30
Fontana	11	601	432	5	92	3	32	-	32	2	61
Grand Terrace	-	34	60	-	5	-	2	-	-	-	3
Hesperia	19	348	505	8	70	4	10	-	12	2	27
Highland	2	148	302	1	39	2	9	-	8	-	25
Loma Linda	4	102	225	2	14	1	7	-	4	-	11
Montclair	3	375	521	3	48	1	22	-	31	-	30
Needles	2	41	61	-	11	-	2	-	1	-	1
Ontario	23	1,117	2,189	9	203	3	74	1	68	5	69
Rancho Cucamonga	11	384	1,033	5	76	1	21	1	20	4	38
Redlands	13	474	927	3	68	2	21	1	37	2	41
Rialto	5	471	612	3	72	-	44	-	23	-	41
San Bernardino	20	1,838	2,593	10	286	6	130	-	85	4	155
Twentynine Palms	3	80	126	1	21	1	2	-	5	1	15
Upland	5	505	803	3	60	1	23	-	29	-	42
Victorville	12	212	727	6	35	-	18	-	8	2	22
Yucaipa(11/89)	1	22	38	1	2	1	1	-	1	-	2
CITY ROADWAYS	176	7,992	13,294	78	1,297	36	482	4	436	24	697
Uninc. State Highways	149	1,766	1,509	56	381	10	36	-	23	6	106
County Roadways	55	1,803	2,162	24	440	5	92	4	71	11	219
UNINC. ROADWAYS	204	3,569	3,671	80	821	15	128	4	94	17	325
COUNTY TOTAL	380	11,561	16,965	158	2,118	51	610	8	530	41	1,022
SAN DIEGO											
Carlsbad	4	362	773	2	76	1	26	-	41	-	27
Chula Vista	7	1,028	1,222	4	132	-	80	-	65	5	78
Coronado	1	121	232	-	18	-	5	-	22	1	15
Del Mar	-	18	99	-	2	-	2	-	3	-	-
El Cajon	11	1,070	756	4	118	4	62	-	96	1	100
Encinitas	8	167	835	5	42	7	18	-	16	1	14
Escondido	10	1,122	1,418	4	143	3	62	-	98	1	83
Imperial Beach	-	40	137	-	5	-	8	-	4	-	3
La Mesa	3	550	506	-	65	1	22	-	36	-	56
Lemon Grove	1	82	260	-	19	1	9	-	5	-	12
National City	17	655	695	8	88	8	42	-	39	-	43
Oceanside	15	963	1,099	7	161	3	63	-	56	4	95
Poway	6	108	313	3	19	2	8	1	20	1	15
San Diego	173	9,792	3,175	93	1,575	74	780	7	784	20	802
San Marcos	5	238	697	2	51	-	14	-	10	1	23
Santee	3	169	334	2	22	1	11	-	27	1	15
Solana Beach	2	32	162	1	7	-	4	-	2	-	4
Vista	6	251	884	3	64	2	22	1	20	1	21
CITY ROADWAYS	272	16,768	13,597	138	2,607	107	1,238	9	1,344	37	1,406
Uninc. State Highways	65	895	862	23	227	16	21	1	16	4	51
County Roadways	48	1,681	1,875	29	411	5	82	1	117	10	176
UNINC. ROADWAYS	113	2,576	2,737	52	638	21	103	2	133	14	227
COUNTY TOTAL	385	19,344	16,334	190	3,245	128	1,341	11	1,477	51	1,633
SAN FRANCISCO											
San Francisco	50	6,143	3,613	20	736	25	1,110	1	364	8	763

TABLE 8A (Cont'd) PERSONS KILLED AND INJURED BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS											
	TOTAL		Motor Vehicle Driver		Passenger		Pedestrian		Bicyclist		Motorcyclist*	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
SAN BERNARDINO												
Adelanto	2	52	1	28	1	20	-	2	-	2	-	4
Apple Valley	11	405	4	244	2	142	5	8	-	11	-	26
Barstow	8	192	6	96	1	81	1	9	-	6	2	14
Big Bear Lake	-	117	-	52	-	47	-	12	-	6	-	12
Chino	14	759	6	450	3	256	4	20	1	33	-	34
Colton	9	442	8	260	1	148	-	18	-	16	-	35
Fontana	11	880	6	516	2	296	3	35	-	33	2	69
Grand Terrace	-	50	-	33	-	15	-	2	-	-	-	3
Hesperia	20	586	11	361	4	204	5	10	-	11	2	32
Highland	2	227	-	132	-	78	2	9	-	8	-	28
Loma Linda	5	146	3	90	1	45	1	7	-	4	-	11
Montclair	3	561	1	315	1	193	1	22	-	31	-	34
Needles	2	65	2	28	-	35	-	1	-	1	-	1
Ontario	25	1,624	16	958	6	518	2	79	1	69	5	75
Rancho Cucamonga	11	589	8	343	1	203	1	23	1	20	3	43
Redlands	13	724	7	402	3	261	2	22	1	39	2	42
Rialto	5	723	5	397	-	259	-	45	-	22	-	48
San Bernardino	21	2,879	8	1,580	6	1,078	7	134	-	87	4	177
Twentynine Palms	3	125	2	77	-	41	1	2	-	5	1	16
Upland	5	752	3	449	1	248	1	26	-	29	-	46
Victorville	15	331	11	173	4	130	-	19	-	9	2	26
Yucaipa (11/89)	1	34	-	20	-	12	1	1	-	1	-	3
CITY ROADWAYS	186	12,263	108	7,004	37	4,310	37	506	4	443	23	779
Uninc. State Highways	174	3,180	98	1,732	67	1,384	9	41	-	23	6	126
County Roadways	61	2,815	39	1,688	13	949	5	103	4	75	11	259
UNINC. ROADWAYS	235	5,995	137	3,420	80	2,333	14	144	4	98	17	385
COUNTY TOTAL	421	18,258	245	10,424	117	6,643	51	650	8	541	40	1,164
SAN DIEGO												
Carlsbad	4	519	2	291	1	161	1	26	-	41	-	31
Chula Vista	7	1,562	6	862	1	555	-	81	-	64	5	85
Coronado	1	157	1	89	-	39	-	5	-	24	1	15
Del Mar	-	20	-	7	-	8	-	2	-	3	-	-
El Cajon	12	1,622	6	987	2	469	4	68	-	98	1	107
Encinitas	8	241	2	120	-	86	6	19	-	16	-	16
Escondido	11	1,680	7	982	1	533	3	64	-	101	1	87
Imperial Beach	-	59	-	24	-	22	-	9	-	4	-	4
La Mesa	3	815	1	529	1	227	1	23	-	36	-	60
Lemon Grove	1	110	-	67	-	29	1	9	-	5	-	13
National City	21	1,029	6	539	6	399	9	52	-	39	-	43
Oceanside	16	1,480	9	792	4	570	3	62	-	56	5	101
Poway	6	152	3	79	-	44	2	9	1	20	1	16
San Diego	182	14,049	68	8,053	32	4,361	75	834	7	801	19	867
San Marcos	5	324	5	205	-	93	-	16	-	10	1	25
Santee	3	264	1	146	1	81	1	10	-	27	1	18
Solana Beach	2	43	1	27	1	10	-	4	-	2	-	4
Vista	6	353	3	174	-	136	2	23	1	20	1	22
CITY ROADWAYS	288	24,479	121	13,973	50	7,823	108	1,316	9	1,367	36	1,514
Uninc. State Highways	71	1,586	35	895	18	653	17	22	1	16	4	60
County Roadways	53	2,547	37	1,504	10	840	5	85	1	118	9	194
UNINC. ROADWAYS	124	4,133	72	2,399	28	1,493	22	107	2	134	13	254
COUNTY TOTAL	412	28,612	193	16,372	78	9,316	130	1,423	11	1,501	49	1,768
SAN FRANCISCO												
San Francisco	52	8,932	16	4,571	10	2,858	25	1,154	1	349	6	830

* Motorcyclist Included under Motor Vehicle Driver & Passenger categories.

TABLE 8A (Cont'd) ACCIDENTS BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	ACCIDENTS										
	TOTAL			Alcohol Involved		Pedestrian Involved		Bicycle Involved		Motorcycle Involved	
	Fatal	Injury	Property Damage	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
SAN FRANCISCO (cont'd)											
CITY ROADWAYS	50	6,143	3,613	20	736	25	1,110	1	364	8	763
Uninc. State Highways	-	-	-	-	-	-	-	-	-	-	-
County Roadways	-	-	-	-	-	-	-	-	-	-	-
UNINC. ROADWAYS	-	-	-	-	-	-	-	-	-	-	-
COUNTY TOTAL	50	6,143	3,613	20	736	25	1,110	1	364	8	763
SAN JOAQUIN											
Escalon	1	11	47	-	-	-	-	-	2	-	-
Lathrop(7/89)	2	20	25	1	6	1	-	-	1	-	1
Lodi	1	336	854	-	43	1	20	-	54	-	25
Manteca	3	245	459	1	31	1	14	-	37	1	14
Ripon	-	17	34	-	1	-	2	-	2	-	2
Stockton	23	1,799	3,401	13	271	8	185	1	117	3	106
Tracy	5	171	265	2	32	2	9	-	24	-	19
CITY ROADWAYS	35	2,599	5,085	17	384	13	230	1	237	4	167
Uninc. State Highways	57	730	703	27	165	10	7	-	3	1	25
County Roadways	41	952	1,106	23	247	5	40	-	40	6	68
UNINC. ROADWAYS	98	1,682	1,809	50	412	15	47	-	43	7	93
COUNTY TOTAL	133	4,281	6,894	67	796	28	277	1	280	11	260
SAN LUIS OBISPO											
Arroyo Grande	1	58	165	1	10	-	2	-	8	1	8
Atascadero	3	113	285	2	17	1	10	-	10	-	10
Grover City	1	58	71	1	4	1	5	-	8	-	4
Morro Bay	1	40	143	1	9	-	2	-	12	-	2
Paso Robles	1	95	197	1	18	-	4	-	5	-	11
Pismo Beach	2	51	133	1	10	-	2	-	8	2	1
San Luis Obispo	2	338	423	1	51	1	21	-	68	-	41
CITY ROADWAYS	11	753	1,417	8	119	3	46	-	119	3	77
Uninc. State Highways	23	347	335	10	85	-	1	-	7	2	23
County Roadways	6	376	449	2	109	-	15	1	24	1	43
UNINC. ROADWAYS	29	723	784	12	194	-	16	1	31	3	66
COUNTY TOTAL	40	1,476	2,201	20	313	3	62	1	150	6	143
SAN MATEO											
Atherton	-	39	91	-	6	-	-	-	6	-	2
Belmont	-	90	280	-	14	-	8	-	6	-	9
Brisbane	3	48	109	3	7	-	-	-	1	-	-
Broadmoor	-	13	25	-	3	-	-	-	1	-	4
Burlingame	2	204	653	1	45	-	13	-	7	1	11
Colma	-	22	104	-	6	-	1	-	-	-	-
Daly City	2	218	996	-	35	1	39	-	2	-	12
East Palo Alto	3	95	241	2	17	1	14	-	7	-	4
Foster City	1	148	219	-	20	-	5	-	13	-	2
Half Moon Bay	-	5	132	-	8	-	3	-	10	-	5
Hillsborough	1	8	88	-	7	-	1	-	1	-	2
Menlo Park	5	7	551	2	20	-	10	1	16	1	4
Millbrae	2	7	374	1	10	-	7	-	4	-	4
Pacifica	3	47	367	2	34	1	14	-	10	-	12
Portola Valley	-	11	11	-	-	-	-	-	7	-	-
Redwood City	2	521	1,219	-	78	-	41	-	50	-	24

TABLE 8A (Cont'd) PERSONS KILLED AND INJURED BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS											
	TOTAL		Motor Vehicle Driver		Passenger		Pedestrian		Bicyclist		Motorcyclist*	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
SAN FRANCISCO (cont'd)												
CITY ROADWAYS	52	8,932	16	4,571	10	2,858	25	1,154	1	349	6	830
Uninc. State Highways	-	-	-	-	-	-	-	-	-	-	-	-
County Roadways	-	-	-	-	-	-	-	-	-	-	-	-
UNINC. ROADWAYS	-	-	-	-	-	-	-	-	-	-	-	-
COUNTY TOTAL	52	8,932	16	4,571	10	2,858	25	1,154	1	349	6	830
SAN JOAQUIN												
Escalon	1	16	1	9	-	5	-	-	-	2	-	-
Lathrop (7/89)	2	34	1	19	-	14	1	-	-	1	-	1
Lodi	1	475	-	239	-	162	1	20	-	54	-	26
Manteca	4	354	3	183	-	116	1	16	-	39	-	16
Ripon	-	24	-	9	-	11	-	2	-	2	-	2
Stockton	25	2,735	8	1,356	9	1,065	7	196	1	118	4	120
Tracy	5	235	3	132	-	68	2	9	-	26	-	21
CITY ROADWAYS	38	3,873	16	1,947	9	1,441	12	243	1	242	4	186
Uninc. State Highways	67	1,267	34	745	23	510	10	9	-	3	1	30
County Roadways	54	1,594	30	911	20	600	4	42	-	41	6	82
UNINC. ROADWAYS	121	2,861	64	1,656	43	1,110	14	51	-	44	-	112
COUNTY TOTAL	159	6,734	80	3,603	52	2,551	26	294	1	286	11	298
SAN LUIS OBISPO												
Arroyo Grande	1	83	-	48	1	25	-	2	-	8	1	9
Atascadero	3	154	2	90	-	44	1	9	-	11	-	10
Grover City	2	76	-	39	-	24	2	5	-	8	-	4
Morro Bay	1	51	1	20	-	16	-	3	-	12	-	2
Paso Robles	1	148	1	74	-	65	-	4	-	5	-	15
Pismo Beach	2	66	2	33	-	22	-	3	-	8	2	1
San Luis Obispo	2	433	1	234	-	105	1	24	-	70	-	43
CITY ROADWAYS	12	1,011	7	538	1	301	4	50	-	122	3	84
Uninc. State Highways	25	600	18	371	7	221	-	1	-	7	2	24
County Roadways	6	554	5	326	-	189	-	15	1	24	1	49
UNINC. ROADWAYS	31	1,154	23	697	7	410	-	16	1	31	3	73
COUNTY TOTAL	43	2,165	30	1,235	8	711	4	66	1	153	6	157
SAN MATEO												
Atherton	-	56	-	38	-	12	-	-	-	6	-	2
Belmont	-	123	-	69	-	40	-	8	-	6	-	12
Brisbane	3	73	3	49	-	23	-	-	-	1	-	-
Broadmoor	-	16	-	8	-	7	-	-	-	1	-	4
Burlingame	2	296	2	204	-	70	-	15	-	7	1	11
Colma	-	33	-	17	-	15	-	1	-	-	-	-
Daly City	2	319	1	168	-	109	1	40	-	2	-	12
East Palo Alto	3	131	-	66	2	44	1	14	-	7	-	5
Foster City	1	203	1	151	-	54	-	5	-	13	-	1
Half Moon Bay	-	101	-	50	-	38	-	3	-	10	-	8
Hillsborough	1	32	-	21	1	9	-	1	-	1	-	2
Menlo Park	5	228	4	133	-	69	-	10	1	16	1	4
Millbrae	2	130	-	77	2	42	-	7	-	4	-	5
Pacifica	3	198	2	122	-	51	1	15	-	10	-	12
Portola Valley	-	14	-	4	-	2	-	-	-	8	-	-
Redwood City	2	709	-	427	2	187	-	42	-	53	-	28

* Motorcyclist included under Motor Vehicle Driver & Passenger categories.

TABLE 8A (Cont'd) ACCIDENTS BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	ACCIDENTS										
	TOTAL			Alcohol Involved		Pedestrian Involved		Bicycle Involved		Motorcycle Involved	
	Fatal	Injury	Property Damage	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
SAN MATEO (cont'd)											
San Bruno	4	227	607	3	34	2	18	-	8	1	12
San Carlos	1	154	495	-	25	-	14	-	19	-	5
San Mateo	8	636	1,539	4	88	1	52	-	50	1	36
South San Francisco	4	352	817	1	56	-	25	-	9	1	28
Woodside	1	36	90	-	10	-	-	1	7	1	7
CITY ROADWAYS	42	3,302	9,008	19	523	6	265	2	234	6	183
Uninc. State Highways	11	288	313	3	77	2	4	-	5	2	33
County Roadways	1	192	323	1	36	1	22	-	42	-	13
UNINC. ROADWAYS	12	480	636	4	113	3	26	-	47	2	46
COUNTY TOTAL	54	3,782	9,644	23	636	9	271	2	281	8	229
SANTA BARBARA											
Carpenteria	-	48	97	-	6	-	5	-	8	-	7
Guadalupe	-	6	24	-	3	-	-	-	-	-	-
Lompoc	3	36	109	3	8	2	1	-	5	-	3
Santa Barbara	5	841	1,487	3	123	1	72	1	151	2	108
Santa Maria	2	442	972	2	72	1	36	-	44	-	29
Solvang	-	15	56	-	1	-	1	-	1	-	2
CITY ROADWAYS	10	1,388	2,745	8	223	4	115	1	209	2	149
Uninc. State Highways	31	450	569	11	111	4	9	1	12	2	31
County Roadways	5	577	756	2	114	-	32	-	107	-	79
UNINC. ROADWAYS	36	1,027	1,325	13	225	4	41	1	119	2	110
COUNTY TOTAL	46	2,415	4,070	21	448	8	156	2	328	4	259
SANTA CLARA											
Campbell	3	364	533	-	72	2	10	-	23	-	29
Cupertino	5	311	503	3	39	1	11	1	37	2	13
Gilroy	-	147	433	-	22	-	12	-	30	-	14
Los Altos	1	115	233	1	11	-	8	-	28	-	9
Los Altos Hills	-	25	51	-	5	-	-	-	5	-	2
Los Gatos	2	170	483	-	46	-	11	-	32	-	9
Milpitas	3	417	801	1	71	1	19	-	27	-	30
Monte Sereno	-	5	10	-	-	-	-	-	-	-	1
Morgan Hill	3	95	113	2	6	-	5	1	7	1	10
Mountain View	4	549	1,040	2	90	2	42	-	71	1	49
Palo Alto	3	426	1,091	-	37	2	21	-	75	-	29
San Jose	67	6,081	2,703	39	1,039	19	406	1	394	13	371
Santa Clara	12	708	1,899	5	111	1	30	-	55	2	51
Saratoga	1	125	181	1	15	-	1	-	26	-	8
Sunnyvale	4	781	1,654	3	142	1	31	-	73	-	52
CITY ROADWAYS	108	10,319	11,728	57	1,706	29	607	3	883	1	677
Uninc. State Highways	19	376	529	10	90	1	7	-	3	-	41
County Roadways	8	388	570	4	95	2	10	1	29	3	38
UNINC. ROADWAYS	27	764	1,099	14	185	3	17	1	32	3	79
COUNTY TOTAL	135	11,083	12,827	71	1,891	32	624	4	915	22	756
SANTA CRUZ											
Capitola	3	127	137	1	19	1	7	-	23	-	8
Santa Cruz	2	461	1,027	1	67	1	53	-	87	1	52
Scotts Valley	-	30	140	-	4	-	1	-	2	-	-
Watsonville	2	212	710	1	28	1	28	-	32	-	12

TABLE 8A (Cont'd) PERSONS KILLED AND INJURED BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS											
	TOTAL		Motor Vehicle Driver		Passenger		Pedestrian		Bicyclist		Motorcyclist*	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
SAN MATEO (cont'd)												
San Bruno	4	305	2	181	-	96	2	20	-	8	1	12
San Carlos	2	215	1	126	1	57	-	13	-	19	-	6
San Mateo	8	894	5	546	2	246	1	52	-	50	1	38
South San Francisco	6	548	2	322	4	189	-	28	-	9	2	29
Woodside	1	42	-	24	-	10	-	-	1	8	-	8
CITY ROADWAYS	45	4,666	23	2,783	14	1,370	6	274	2	239	6	199
Uninc. State Highways	12	449	7	301	3	138	2	4	-	6	2	37
County Roadways	1	251	-	110	-	74	1	23	-	44	-	15
UNINC. ROADWAYS	13	700	7	411	3	212	3	27	-	50	2	52
COUNTY TOTAL	58	5,366	30	3,194	17	1,582	9	301	2	289	8	251
SANTA BARBARA												
Carpenteria	-	65	-	33	-	18	-	6	-	8	-	9
Guadalupe	-	6	-	4	-	2	-	-	-	-	-	-
Lompoc	3	56	1	33	-	17	2	1	-	5	-	3
Santa Barbara	6	1,127	-	609	4	294	1	74	1	150	2	126
Santa Maria	2	644	1	358	-	203	1	37	-	46	-	28
Solvang	-	22	-	11	-	9	-	1	-	1	-	2
CITY ROADWAYS	11	1,920	2	1,048	4	543	4	119	1	210	2	168
Uninc. State Highways	38	738	19	450	14	264	4	9	1	15	2	32
County Roadways	10	814	6	455	4	216	-	33	-	110	-	83
UNINC. ROADWAYS	48	1,552	25	905	18	480	4	42	1	125	2	115
COUNTY TOTAL	59	3,472	27	1,953	22	1,023	8	161	2	335	4	283
SANTA CLARA												
Campbell	3	501	1	346	-	122	2	10	-	23	-	32
Cupertino	5	404	3	271	-	85	1	11	1	37	2	15
Gilroy	-	192	-	90	-	59	-	12	-	31	-	14
Los Altos	1	163	1	90	-	36	-	8	-	29	-	10
Los Altos Hills	-	34	-	17	-	12	-	-	-	5	-	2
Los Gatos	2	240	2	130	-	67	-	11	-	32	-	8
Milpitas	4	613	3	380	-	187	1	19	-	27	-	33
Monte Sereno	-	7	-	6	-	1	-	-	-	-	-	1
Morgan Hill	3	131	1	85	1	33	-	6	1	7	1	9
Mountain View	4	767	1	456	1	197	2	43	-	71	1	53
Palo Alto	3	553	1	316	-	142	2	20	-	75	-	31
San Jose	69	8,764	37	5,172	12	2,772	19	422	1	398	13	402
Santa Clara	12	1,035	9	652	2	298	1	29	-	56	2	56
Saratoga	1	176	1	91	-	57	-	2	-	26	-	9
Sunnyvale	4	1,088	3	679	-	306	1	31	-	72	-	56
CITY ROADWAYS	111	14,668	63	8,781	16	4,374	29	624	3	889	19	731
Uninc. State Highways	22	608	15	360	6	238	1	7	-	3	-	47
County Roadways	8	535	4	333	1	161	2	10	1	31	3	40
UNINC. ROADWAYS	30	1,143	19	693	7	399	3	17	1	34	3	87
COUNTY TOTAL	141	15,811	82	9,474	23	4,773	32	641	4	923	22	818
SANTA CRUZ												
Capitola	3	163	2	86	-	47	1	6	-	24	-	9
Santa Cruz	2	631	1	307	-	181	1	55	-	88	1	65
Scotts Valley	-	48	-	28	-	17	-	1	-	2	-	-
Watsonville	3	282	-	143	2	74	1	31	-	34	-	11

* Motorcyclist included under Motor Vehicle Driver & Passenger categories.

TABLE 8A (Cont'd) ACCIDENTS BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	ACCIDENTS										
	TOTAL			Alcohol Involved		Pedestrian Involved		Bicycle Involved		Motorcycle Involved	
	Fatal	Injury	Property Damage	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
SANTA CRUZ (cont'd)											
CITY ROADWAYS	7	830	2,014	3	118	3	89	-	144	1	72
Uninc. State Highways	6	460	521	4	124	-	9	-	6	-	46
County Roadways	9	689	932	7	168	-	30	-	76	3	75
UNINC. ROADWAYS	15	1,149	1,453	11	292	-	39	-	82	3	121
COUNTY TOTAL	22	1,979	3,467	14	410	3	128	-	226	4	193
SHASTA											
Anderson	-	62	101	-	14	-	2	-	3	-	8
Redding	10	552	1,092	7	91	3	31	-	55	3	27
CITY ROADWAYS	10	614	1,193	7	105	3	33	-	58	3	35
Uninc. State Highways	23	281	293	10	71	1	6	1	3	2	10
County Roadways	19	320	333	11	97	-	8	1	18	1	28
UNINC. ROADWAYS	42	601	626	21	168	1	14	2	21	3	38
COUNTY TOTAL	52	1,215	1,819	28	273	4	47	2	79	6	73
SIERRA											
Loyalton	-	3	2	-	1	-	1	-	1	-	1
CITY ROADWAYS	-	3	2	-	1	-	1	-	1	-	1
Uninc. State Highways	-	28	22	-	9	-	-	-	-	-	5
County Roadways	1	8	8	1	1	-	-	-	-	-	-
UNINC. ROADWAYS	1	36	30	1	10	-	-	-	-	-	5
COUNTY TOTAL	1	39	32	1	11	-	1	-	1	-	6
SISKIYOU											
Dorris	-	-	1	-	-	-	-	-	-	-	-
Dunsmuir	-	6	30	-	2	-	-	-	-	-	-
Etna	-	2	-	-	1	-	1	-	-	-	-
Fort Jones	-	-	-	-	-	-	-	-	-	-	-
Lake Shasta	-	-	-	-	-	-	-	-	-	-	-
Montague	-	-	1	-	-	-	-	-	-	-	-
Mount Shasta	-	10	32	-	2	-	-	-	2	-	-
Tulelake	-	-	-	-	-	-	-	-	-	-	-
Weed	-	9	15	-	1	-	1	-	-	-	-
Yreka	-	33	64	-	3	-	3	-	5	-	-
CITY ROADWAYS	-	60	143	-	9	-	5	-	7	-	-
Uninc. State Highways	14	149	148	4	34	1	2	-	1	2	2
County Roadways	4	104	72	2	41	-	2	-	2	1	7
UNINC. ROADWAYS	18	253	220	6	75	1	4	-	3	3	9
COUNTY TOTAL	18	313	363	6	84	1	9	-	10	3	9
SOLANO											
Benicia	2	127	317	-	21	-	6	-	18	-	10
Dixon	2	42	90	1	9	2	1	-	13	1	2
Fairfield	4	644	1,024	2	99	2	39	-	42	-	46
Rio Vista	-	2	-	-	-	-	-	-	-	-	-
Suisun City	1	111	142	-	17	-	8	-	11	-	8

TABLE 8A (Cont'd) PERSONS KILLED AND INJURED BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS											
	TOTAL		Motor Vehicle Driver		Passenger		Pedestrian		Bicyclist		Motorcyclist*	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
SANTA CRUZ (cont'd)												
CITY ROADWAYS	8	1,124	3	564	2	319	3	93	-	148	1	85
Uninc. State Highways	7	714	5	441	2	257	-	10	-	6	-	59
County Roadways	11	934	8	574	3	252	-	30	-	78	3	78
UNINC. ROADWAYS	18	1,648	13	1,015	5	509	-	40	-	84	3	137
COUNTY TOTAL	26	2,772	16	1,579	7	828	3	133	-	232	4	222
SHASTA												
Anderson	-	83	-	55	-	23	-	2	-	3	-	8
Redding	10	827	7	464	-	274	3	34	-	55	3	31
CITY ROADWAYS	10	910	7	519	-	297	3	36	-	58	3	39
Uninc. State Highways	27	472	16	281	9	183	1	5	1	3	2	12
County Roadways	19	463	13	274	5	163	-	8	1	18	1	32
UNINC. ROADWAYS	46	935	29	555	14	346	1	13	2	21	3	44
COUNTY TOTAL	56	1,845	36	1,074	14	643	4	49	2	79	5	83
SIERRA												
Loyalton	-	3	-	1	-	-	-	1	-	1	-	-
CITY ROADWAYS	-	3	-	1	-	-	-	1	-	1	-	-
Uninc. State Highways	-	47	-	24	-	23	-	-	-	-	-	7
County Roadways	1	9	1	5	-	4	-	-	-	-	-	-
UNINC. ROADWAYS	1	56	1	29	-	27	-	-	-	-	-	7
COUNTY TOTAL	1	59	1	30	-	27	-	1	-	1	-	7
SISKIYOU												
Dorris	-	-	-	-	-	-	-	-	-	-	-	-
Dunsmuir	-	10	-	4	-	6	-	-	-	-	-	-
Etna	-	4	-	-	-	2	-	2	-	-	-	-
Fort Jones	-	-	-	-	-	-	-	-	-	-	-	-
Lake Shasta	-	-	-	-	-	-	-	-	-	-	-	-
Montague	-	-	-	-	-	-	-	-	-	-	-	-
Mount Shasta	-	11	-	7	-	2	-	-	-	2	-	-
Tulelake	-	-	-	-	-	-	-	-	-	-	-	-
Weed	-	14	-	9	-	4	-	1	-	-	-	-
Yreka	-	46	-	26	-	11	-	3	-	6	-	-
CITY ROADWAYS	-	85	-	46	-	25	-	6	-	8	-	-
Uninc. State Highways	16	258	10	139	5	117	1	1	-	1	2	1
County Roadways	4	172	2	93	2	76	-	2	-	1	1	8
UNINC. ROADWAYS	20	430	12	232	7	193	1	3	-	2	3	9
COUNTY TOTAL	20	515	12	278	7	218	1	9	-	10	3	9
SOLANO												
Benicia	2	170	1	104	1	41	-	7	-	18	-	9
Dixon	2	58	1	27	-	15	1	3	-	13	1	2
Fairfield	5	940	2	544	1	314	2	40	-	42	-	54
Rio Vista	-	2	-	2	-	-	-	-	-	-	-	-
Suisun City	1	183	1	99	-	65	-	8	-	11	-	8

* Motorcyclist included under Motor Vehicle Driver & Passenger categories.

TABLE 8A (Cont'd) ACCIDENTS BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	ACCIDENTS										
	TOTAL			Alcohol Involved		Pedestrian Involved		Bicycle Involved		Motorcycle Involved	
	Fatal	Injury	Property Damage	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
SOLANO (cont'd)											
Vacaville	6	319	537	4	69	-	22	-	37	-	27
Vallejo	7	825	1,654	5	140	1	60	-	58	2	66
CITY ROADWAYS	22	2,070	3,764	12	355	5	136	-	179	3	159
Uninc. State Highways	8	225	220	3	47	1	2	-	-	-	10
County Roadways	4	169	185	1	61	-	6	-	7	-	17
UNINC. ROADWAYS	12	394	405	4	108	1	8	-	7	-	27
COUNTY TOTAL	34	2,464	4,169	16	453	6	144	-	186	3	186
SONOMA											
Cloverdale	-	18	74	-	2	-	4	-	3	-	-
Cotati	1	63	85	1	18	1	5	-	5	-	5
Healdsburg	-	67	154	-	9	-	5	-	11	-	6
Petaluma	2	215	676	1	38	-	10	-	38	1	18
Rohnert Park	-	125	280	-	17	-	5	-	21	-	6
Santa Rosa	13	574	1,344	8	90	2	37	-	44	4	44
Sebastopol	-	65	103	-	10	-	2	-	9	-	3
Sonoma	-	37	95	-	4	-	-	-	9	-	1
CITY ROADWAYS	16	1,164	2,811	10	188	3	68	-	140	5	83
Uninc. State Highways	25	634	756	12	128	1	9	-	13	4	29
County Roadways	29	1,028	1,212	18	323	5	26	1	38	1	84
UNINC. ROADWAYS	54	1,662	1,968	30	451	6	35	1	51	5	113
COUNTY TOTAL	70	2,826	4,779	40	639	9	103	1	191	10	196
STANISLAUS											
Ceres	3	161	248	2	23	-	9	-	19	1	7
Hughson	-	6	36	-	-	-	-	-	2	-	-
Modesto	9	1,177	2,743	5	169	1	86	-	102	1	87
Newman	-	3	16	-	-	-	-	-	1	-	-
Oakdale	2	96	183	1	14	-	10	-	13	-	7
Patterson	-	14	48	-	2	-	-	-	3	-	-
Riverbank	-	32	77	-	5	-	3	-	3	-	2
Turlock	6	277	375	1	37	2	18	1	26	1	15
Waterford	2	11	12	2	4	-	1	-	1	-	2
CITY ROADWAYS	22	1,777	3,738	11	254	3	127	1	170	3	120
Uninc. State Highways	25	358	500	8	77	4	2	-	2	2	16
County Roadways	30	824	1,223	13	216	4	37	-	34	5	73
UNINC. ROADWAYS	55	1,182	1,723	21	293	8	39	-	36	7	89
COUNTY TOTAL	77	2,959	5,461	32	547	11	166	1	206	10	209
SUTTER											
Live Oak	-	10	23	-	1	-	1	-	-	-	1
Yuba City	3	255	505	2	30	1	18	1	23	1	12
CITY ROADWAYS	3	265	528	2	31	1	19	1	23	1	13
Uninc. State Highways	18	97	81	8	15	1	1	-	1	-	1
County Roadways	4	150	122	3	55	-	5	-	2	1	11
UNINC. ROADWAYS	22	247	203	11	70	1	6	-	3	1	12

TABLE 8A (Cont'd) PERSONS KILLED AND INJURED BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS											
	TOTAL		Motor Vehicle Driver		Passenger		Pedestrian		Bicyclist		Motorcyclist*	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
SOLANO (cont'd)												
Vacaville	6	473	4	251	2	163	-	22	-	37	-	30
Vallejo	7	1,270	5	679	1	467	1	63	-	61	2	65
CITY ROADWAYS	23	3,096	14	1,706	5	1,065	4	143	-	182	3	168
Uninc. State Highways	10	377	7	212	2	162	1	3	-	-	-	13
County Roadways	5	267	3	163	2	91	-	6	-	7	-	21
UNINC. ROADWAYS	15	644	10	375	4	253	1	9	-	7	-	34
COUNTY TOTAL	38	3,740	24	2,081	9	1,318	5	152	-	189	3	202
SONOMA												
Cloverdale	-	24	-	8	-	9	-	4	-	3	-	-
Cotati	1	87	-	51	-	25	1	6	-	5	-	5
Healdsburg	-	87	-	50	-	21	-	5	-	11	-	8
Petaluma	2	307	2	169	-	90	-	10	-	38	1	21
Rohnert Park	-	161	-	89	-	47	-	4	-	21	-	7
Santa Rosa	14	795	8	501	4	212	2	39	-	43	3	50
Sebastopol	-	98	-	51	-	35	-	3	-	9	-	3
Sonoma	-	55	-	24	-	22	-	-	-	9	-	1
CITY ROADWAYS	17	1,614	10	943	4	461	3	71	-	139	4	95
Uninc. State Highways	33	979	18	625	14	330	1	10	-	14	3	33
County Roadways	32	1,577	20	1,005	6	505	5	28	1	39	1	93
UNINC. ROADWAYS	65	2,556	38	1,630	20	835	6	38	1	53	4	126
COUNTY TOTAL	82	4,170	48	2,573	24	1,296	9	109	1	192	8	221
STANISLAUS												
Ceres	3	258	3	135	-	96	-	8	-	19	-	7
Hughson	-	9	-	4	-	3	-	-	-	2	-	-
Modesto	9	1,736	7	919	1	622	1	92	-	103	-	95
Newman	-	6	-	4	-	1	-	-	-	1	-	-
Oakdale	2	174	1	81	1	69	-	11	-	13	-	9
Patterson	-	17	-	12	-	2	-	-	-	3	-	-
Riverbank	-	61	-	31	-	24	-	3	-	3	-	2
Turlock	6	407	2	235	1	125	2	18	1	29	1	16
Waterford	2	16	1	7	1	7	-	1	-	1	-	3
CITY ROADWAYS	22	2,684	14	1,428	4	949	3	133	1	174	1	132
Uninc. State Highways	32	642	13	346	15	291	4	3	-	2	2	20
County Roadways	34	1,345	23	801	7	469	4	41	-	34	6	83
UNINC. ROADWAYS	66	1,987	36	1,147	22	760	8	44	-	36	8	103
COUNTY TOTAL	88	4,671	50	2,575	26	1,709	11	177	1	210	9	235
SUTTER												
Live Oak	-	16	-	9	-	6	-	1	-	-	-	-
Yuba City	3	358	-	204	1	114	1	17	1	23	1	14
CITY ROADWAYS	3	374	-	213	1	120	1	18	1	23	1	14
Uninc. State Highways	19	220	12	117	6	101	1	1	-	1	-	1
County Roadways	4	243	2	141	2	95	-	4	-	3	1	13
UNINC. ROADWAYS	23	463	14	258	8	196	1	5	-	4	1	14

* Motorcyclist included under Motor Vehicle Driver & Passenger categories.

TABLE 8A (Cont'd) ACCIDENTS BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	ACCIDENTS										
	TOTAL			Alcohol Involved		Pedestrian Involved		Bicycle Involved		Motorcycle Involved	
	Fatal	Injury	Property Damage	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
SUTTER (cont'd)											
COUNTY TOTAL	25	512	731	13	101	2	25	1	26	2	25
TEHAMA											
Corning	-	38	54	-	3	-	4	-	4	-	4
Red Bluff	3	102	212	3	15	-	7	-	10	-	4
Tehama	-	-	2	-	-	-	-	-	-	-	-
CITY ROADWAYS	3	140	268	3	18	-	11	-	14	-	8
Uninc. State Highways	8	139	122	5	22	1	1	-	2	-	5
County Roadways	7	136	145	5	48	-	2	-	4	3	14
UNINC. ROADWAYS	15	275	267	10	70	1	3	-	6	3	19
COUNTY TOTAL	18	415	535	13	88	1	14	-	20	3	27
TRINITY											
CITY ROADWAYS	-	-	-	-	-	-	-	-	-	-	-
Uninc. State Highways	7	77	97	5	23	1	2	-	3	2	7
County Roadways	-	38	28	-	13	-	-	-	-	-	5
UNINC. ROADWAYS	7	115	125	5	36	1	2	-	3	2	12
COUNTY TOTAL	7	115	125	5	36	1	2	-	3	2	12
TULARE											
Dinuba	-	35	135	-	3	-	4	-	1	-	1
Exeter	-	22	59	-	8	-	1	-	1	-	2
Farmersville	2	15	26	-	1	-	2	-	5	2	-
Lindsay	-	23	66	-	8	-	5	-	4	-	-
Porterville	2	216	415	-	33	-	15	-	21	-	18
Tulare	3	134	782	2	33	-	14	-	6	-	19
Visalia	14	572	1,315	4	80	6	28	-	56	2	35
Woodlake	-	12	10	-	1	-	2	-	1	-	-
CITY ROADWAYS	21	1,029	2,808	6	167	6	71	-	95	4	75
Uninc. State Highways	36	374	401	20	98	3	7	-	4	2	18
County Roadways	64	777	982	35	223	4	32	-	37	9	59
UNINC. ROADWAYS	100	1,151	1,383	55	321	7	39	-	41	11	77
COUNTY TOTAL	121	2,180	4,191	61	488	13	110	-	136	15	152
TUOLUMNE											
Sonora	1	39	100	-	7	-	3	-	2	1	5
CITY ROADWAYS	1	39	100	-	7	-	3	-	2	1	5
Uninc. State Highways	7	169	208	4	32	1	1	-	-	1	15
County Roadways	3	226	308	2	82	-	6	-	12	1	24
UNINC. ROADWAYS	10	395	516	6	114	1	7	-	12	2	39
COUNTY TOTAL	11	434	616	6	121	1	10	-	14	3	44
VENTURA											
Camarillo	4	293	411	2	51	2	9	1	29	1	18
Fillmore	3	56	123	-	9	1	9	-	6	-	2

TABLE 8A (Cont'd) PERSONS KILLED AND INJURED BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS											
	TOTAL Killed Injured		Motor Vehicle Driver Killed Injured		Passenger Killed Injured		Pedestrian Killed Injured		Bicyclist Killed Injured		Motorcyclist* Killed Injured	
SUTTER (cont'd)												
COUNTY TOTAL	26	837	14	471	9	316	2	23	1	27	2	28
TEHAMA												
Corning	-	46	-	27	-	12	-	4	-	3	-	4
Red Bluff	3	140	2	74	1	49	-	7	-	10	-	5
Tehama	-	-	-	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	3	186	2	101	1	61	-	11	-	13	-	9
Uninc. State Highways	8	234	3	134	4	97	1	1	-	2	-	9
County Roadways	7	209	6	126	1	77	-	2	-	4	3	15
UNINC. ROADWAYS	15	443	9	260	5	174	1	3	-	6	3	24
COUNTY TOTAL	18	629	11	361	6	235	1	14	-	19	3	33
TRINITY												
CITY ROADWAYS	-	-	-	-	-	-	-	-	-	-	-	-
Uninc. State Highways	7	117	6	72	-	40	1	2	-	3	2	9
County Roadways	-	55	-	30	-	25	-	-	-	-	-	5
UNINC. ROADWAYS	7	172	6	102	-	65	1	2	-	3	2	14
COUNTY TOTAL	7	172	6	102	-	65	1	2	-	3	2	14
TULARE												
Dinuba	-	75	-	40	-	30	-	4	-	1	-	2
Exeter	-	37	-	20	-	15	-	1	-	1	-	2
Farmersville	2	25	2	10	-	7	-	3	-	5	1	3
Lindsay	-	33	-	11	-	13	-	5	-	4	-	-
Porterville	2	358	-	172	2	151	-	15	-	20	-	16
Tulare	3	214	2	115	1	79	-	14	-	6	-	20
Visalia	16	967	5	519	5	362	6	30	-	56	2	38
Woodlake	-	15	-	6	-	6	-	2	-	1	-	-
CITY ROADWAYS	23	1,724	9	893	8	663	6	74	-	94	3	81
Uninc. State Highways	43	755	27	404	13	341	3	6	-	4	2	19
County Roadways	84	1,399	48	771	32	554	4	35	-	39	11	71
UNINC. ROADWAYS	127	2,154	75	1,175	45	895	7	41	-	43	13	90
COUNTY TOTAL	150	3,878	84	2,068	53	1,558	13	115	-	137	16	171
TUOLUMNE												
Sonora	1	53	1	29	-	19	-	3	-	2	1	5
CITY ROADWAYS	1	53	1	29	-	19	-	3	-	2	1	5
Uninc. State Highways	7	289	3	161	3	127	1	1	-	-	1	16
County Roadways	3	313	3	186	-	109	-	6	-	12	1	27
UNINC. ROADWAYS	10	602	6	347	3	236	1	7	-	12	2	43
COUNTY TOTAL	11	655	7	376	3	255	1	10	-	14	3	48
VENTURA												
Camarillo	6	438	1	267	1	131	3	12	1	28	1	20
Fillmore	3	88	1	40	1	32	1	9	-	7	-	2

* Motorcyclist included under Motor Vehicle Driver & Passenger categories.

TABLE 8A (Cont'd) ACCIDENTS BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	ACCIDENTS										
	TOTAL			Alcohol Involved		Pedestrian Involved		Bicycle Involved		Motorcycle Involved	
	Fatal	Injury	Property Damage	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
VENTURA (cont'd)											
Moorpark	1	117	223	1	19	-	5	-	6	-	7
Ojai	1	58	115	1	7	-	6	-	11	-	6
Oxnard	13	1,217	1,890	9	201	3	103	1	124	2	82
Port Hueneme	1	73	137	-	16	-	6	-	10	-	6
Santa Paula	3	105	118	1	19	1	15	-	24	-	3
Simi Valley	14	499	56	6	91	3	24	1	56	4	53
Thousand Oaks	11	662	914	4	103	2	28	-	85	2	59
Ventura	11	711	1,386	4	129	1	27	1	91	-	65
CITY ROADWAYS	62	3,791	5,373	28	645	13	232	4	442	9	301
Uninc. State Highways	23	479	496	8	119	1	9	-	7	2	42
County Roadways	8	459	503	6	117	-	14	-	37	2	43
UNINC. ROADWAYS	31	938	999	14	236	1	23	-	44	4	85
COUNTY TOTAL	93	4,729	6,372	42	881	14	255	4	486	13	386
YOLO											
Davis	-	218	248	-	30	-	8	-	87	-	19
West Sacramento	5	183	255	2	49	3	15	-	20	-	19
Winters	-	18	38	-	5	-	3	-	2	-	3
Woodland	5	221	592	2	53	-	12	-	30	-	16
CITY ROADWAYS	10	640	1,133	4	137	3	38	-	139	-	57
Uninc. State Highways	7	200	184	4	62	1	1	-	-	1	10
County Roadways	10	166	140	6	55	1	3	-	4	1	6
UNINC. ROADWAYS	17	366	324	10	117	2	4	-	4	2	16
COUNTY TOTAL	27	1,006	1,457	14	254	5	42	-	143	2	73
YUBA											
Marysville	1	128	364	1	23	-	7	-	14	-	2
Wheatland	-	1	3	-	-	-	-	-	-	-	-
CITY ROADWAYS	1	129	367	1	23	-	7	-	14	-	2
Uninc. State Highways	7	73	69	4	20	-	1	-	1	-	3
County Roadways	8	248	287	5	62	-	13	-	15	2	23
UNINC. ROADWAYS	15	321	356	9	82	-	14	-	16	2	26
COUNTY TOTAL	16	450	723	10	105	-	21	-	30	2	28
TOTAL CITY ROADWAYS	2,516	181,938	250,271	1,127	26,646	772	15,212	76	13,946	383	13,486
TOTAL UNINC. STATE HIGHWAYS	1,297	21,212	24,422	580	4,793	117	363	12	236	86	1,309
TOTAL COUNTY ROADWAYS	1,021	33,681	43,533	535	8,240	101	1,682	30	2,160	157	2,945
TOTAL UNINC. ROADWAYS	2,318	54,893	67,955	1,115	13,033	218	2,045	42	2,396	243	4,254
STATEWIDE TOTAL	4,834	236,831	318,226	2,242	39,679	990	17,257	118	16,342	626	17,740

TABLE 8A (Cont'd) PERSONS KILLED AND INJURED BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS											
	TOTAL Killed Injured		Motor Vehicle Driver Killed Injured		Passenger Killed Injured		Pedestrian Killed Injured		Bicyclist Killed Injured		Motorcyclist* Killed Injured	
VENTURA (cont'd)												
Moorpark	1	175	1	114	-	50	-	5	-	6	-	7
Ojai	1	76	1	37	-	22	-	5	-	12	-	6
Oxnard	13	1,849	7	994	2	619	3	108	1	128	2	91
Port Hueneme	1	104	1	59	-	27	-	7	-	11	-	6
Santa Paula	3	149	1	60	1	46	1	17	-	26	-	3
Simi Valley	15	724	7	444	4	197	3	25	1	58	4	52
Thousand Oaks	12	956	7	574	3	270	2	28	-	84	2	64
Ventura	14	1,012	10	610	2	280	1	27	1	95	-	75
CITY ROADWAYS	69	5,571	37	3,199	14	1,674	14	243	4	455	9	326
Uninc. State Highways	27	796	19	473	7	306	1	10	-	7	2	50
County Roadways	10	676	6	395	4	225	-	14	-	42	2	51
UNINC. ROADWAYS	37	1,472	25	868	11	531	1	24	-	49	4	101
COUNTY TOTAL	106	7,043	62	4,067	25	2,205	15	267	4	504	13	427
YOLO												
Davis	-	264	-	122	-	47	-	8	-	87	-	21
West Sacramento	5	259	2	143	-	82	3	15	-	19	-	20
Winters	-	23	-	10	-	8	-	3	-	2	-	3
Woodland	5	309	5	165	-	101	-	12	-	31	-	18
CITY ROADWAYS	10	855	7	440	-	238	3	38	-	139	-	62
Uninc. State Highways	7	334	5	211	1	120	1	3	-	-	1	13
County Roadways	10	279	9	169	-	103	1	3	-	4	1	6
UNINC. ROADWAYS	17	613	14	380	1	223	2	6	-	4	2	19
COUNTY TOTAL	27	1,468	21	820	1	461	5	44	-	143	2	81
YUBA												
Marysville	2	176	-	83	2	72	-	7	-	14	-	2
Wheatland	-	1	-	1	-	-	-	-	-	-	-	-
CITY ROADWAYS	2	177	-	84	2	72	-	7	-	14	-	2
Uninc. State Highways	10	133	6	74	4	57	-	1	-	1	-	4
County Roadways	8	344	6	194	2	120	-	13	-	17	2	24
UNINC. ROADWAYS	18	477	12	268	6	177	-	14	-	18	2	28
COUNTY TOTAL	20	654	12	352	8	249	-	21	-	32	2	30
TOTAL CITY ROADWAYS	2,679	275,020	1,280	155,647	557	89,180	767	16,054	75	14,139	372	14,686
TOTAL UNINC. STATE HIGHWAYS	1,546	36,381	897	21,166	520	14,573	117	400	12	242	86	1,514
TOTAL COUNTY ROADWAYS	1,156	52,244	713	30,813	314	17,451	99	1,756	30	2,224	162	3,327
TOTAL UNINC. ROADWAYS	2,702	88,625	1,610	51,979	834	32,024	216	2,156	42	2,466	248	4,841
STATEWIDE TOTAL	5,381	363,645	2,890	207,626	1,391	121,204	983	18,210	117	16,605	620	19,527

* Motorcyclist included under Motor Vehicle Driver & Passenger categories.

TABLE 8B MOTOR VEHICLE REGISTRATION, MOTORCYCLE REGISTRATION, LICENSED DRIVERS, POPULATION AND ROADWAY MILES BY COUNTY - 1989

COUNTY	Motor Vehicle Registration ^{1/}	Motorcycle Registration ^{2/}	Licensed Drivers	Population	ROADWAY MILES			
					TOTAL	City Roadways	Uninc. State Highways ^{3/}	County Roadways
Alameda	941,218	28,539	854,000	1,261,500	3,296.1	2,772.5	28.3	495.3
Alpine	1,016	39	800	1,200	216.9	-	82.7	134.2
Amador	28,658	993	20,500	30,000	586.1	57.6	126.9	401.6
Butte	150,447	5,435	127,100	178,800	1,883.7	351.9	154.8	1,377.0
Calaveras	33,230	1,131	23,700	33,600	853.3	15.7	150.3	687.3
Colusa	15,534	337	11,200	15,900	890.9	38.8	114.8	737.3
Contra Costa	644,705	19,352	574,000	790,000	2,825.1	2,057.6	21.6	745.9
Del Norte	16,252	416	14,700	21,100	407.6	18.1	91.4	298.1
El Dorado	116,355	3,690	94,400	128,900	1,346.4	188.3	147.4	1,010.7
Fresno	451,423	12,203	386,900	635,000	5,940.6	1,852.7	457.3	3,630.6
Glenn	22,731	624	17,100	24,000	1,024.9	49.5	110.2	865.2
Humboldt	100,200	3,117	83,800	118,700	1,786.3	281.1	305.6	1,199.6
Imperial	89,049	1,785	67,900	117,600	3,247.0	272.4	380.0	2,594.6
Inyo	18,788	787	14,500	18,300	1,562.0	10.6	424.4	1,127.0
Kern	390,455	13,738	331,500	537,500	5,779.2	1,651.5	787.2	3,340.5
Kings	63,351	2,192	52,400	99,300	1,371.4	233.9	150.6	986.9
Lake	49,516	1,958	37,300	53,100	935.8	180.5	135.7	619.6
Lassen	21,434	774	17,600	27,500	1,275.8	32.8	299.8	943.2
Los Angeles	6,026,091	150,915	5,575,800	8,710,400	20,388.4	16,757.8	250.4	3,380.2
Madera	69,600	2,076	53,200	86,100	1,853.6	173.3	121.2	1,559.1
Marin	205,928	6,676	184,800	234,100	1,072.2	607.2	50.4	414.6
Mariposa	14,695	563	11,200	15,200	676.7	-	117.1	559.6
Mendocino	72,464	2,553	57,200	77,900	1,494.1	107.6	371.4	1,015.1
Merced	125,301	3,383	101,400	175,200	2,375.4	376.7	228.5	1,770.2
Modoc	8,496	205	6,400	9,500	1,204.3	33.6	177.6	993.1
Mono	9,509	398	7,300	9,900	1,034.4	51.1	314.7	668.6
Monterey	255,975	6,314	220,000	353,400	2,130.1	611.9	243.9	1,274.3
Napa	92,979	3,141	76,600	108,900	814.4	255.5	93.6	465.3
Nevada	78,677	2,690	59,500	80,900	879.5	59.0	122.8	697.7
Orange	1,868,332	51,650	1,750,800	2,301,200	5,401.8	4,751.1	26.6	624.1
Placer	158,485	5,153	129,100	162,900	1,468.8	351.7	132.6	984.5
Plumas	20,408	745	15,600	20,300	863.8	21.4	181.8	660.6
Riverside	796,873	23,793	718,100	1,062,700	6,605.3	3,317.6	524.7	2,763.0
Sacramento	753,285	21,500	689,800	1,007,300	3,942.9	1,347.8	124.0	2,471.1
San Benito	29,275	770	22,800	36,200	591.4	69.2	82.4	439.8
San Bernardino	980,110	31,373	871,100	1,378,800	8,495.1	3,516.6	940.2	4,038.3
San Diego	1,801,324	51,494	1,682,000	2,459,500	7,242.4	5,068.1	310.3	1,864.0
San Francisco	423,922	17,414	462,000	727,400	884.0	884.0	-	-
San Joaquin	330,746	9,248	283,300	464,900	3,052.0	1,091.8	216.8	1,743.4
San Luis Obispo	182,852	6,637	150,500	216,600	2,118.1	547.8	310.5	1,259.8
San Mateo	591,841	14,595	473,900	637,200	1,988.8	1,587.7	79.8	321.3
Santa Barbara	299,919	10,828	257,100	350,400	1,746.1	614.3	226.7	905.1
Santa Clara	1,205,926	35,082	1,072,300	1,454,700	4,308.5	3,497.4	87.1	724.0
Santa Cruz	199,334	7,105	163,600	232,900	999.4	321.8	76.5	601.1
Shasta	132,144	3,970	105,100	146,600	1,853.3	358.8	260.1	1,234.4
Sierra	3,348	109	2,500	3,500	492.0	5.2	97.6	389.2
Siskiyou	42,145	1,197	33,500	44,500	1,868.5	161.7	338.6	1,368.2
Solano	244,947	8,218	212,100	330,200	1,571.4	857.2	92.5	621.7
Sonoma	325,989	9,918	273,700	378,200	2,422.7	790.4	187.8	1,444.5
Stanislaus	283,792	8,175	231,400	358,100	2,589.5	862.3	145.8	1,581.4
Sutter	53,170	1,425	42,800	63,500	1,033.0	102.8	73.7	856.5
Tehama	41,570	1,334	32,500	47,900	1,391.7	96.2	197.5	1,098.0
Trinity	12,618	602	9,900	14,200	920.7	-	202.4	718.3
Tulare	206,044	7,220	177,800	303,900	4,116.9	659.6	305.8	3,151.5
Tuolumne	45,208	1,590	34,100	48,100	776.9	23.1	151.8	602.0
Ventura	532,746	17,482	467,500	664,000	2,383.1	1,674.5	168.1	540.5
Yolo	110,358	3,018	92,600	136,200	1,342.1	367.5	152.5	822.1
Yuba	45,197	1,442	36,800	57,800	718.2	81.3	50.6	586.3
Interstate	163,884	2,475	-	-	-	-	-	-
STATEWIDE TOTAL	21,999,869	631,586	19,577,100	29,063,200	142,340.6	62,128.1	11,805.4	68,407.1

^{1/} Based on estimates made by California Department of Motor Vehicles.

^{2/} Motorcycle Registration is also included in Motor Vehicle Registration.

^{3/} Roadway miles as of December 31, 1988.

TABLE 8C PERSONS KILLED AND INJURED BY EXTENT OF INJURY BY COUNTY - 1989

COUNTY	TOTAL KILLED AND INJURED	TOTAL KILLED	EXTENT OF INJURY			
			TOTAL INJURED	Severe Wound	Other Visible Injuries	Complaint of Pain
Alameda	14,180	134	14,046	636	4,497	8,913
Alpine	36	1	35	1	28	6
Amador	345	10	335	32	140	163
Butte	2,127	42	2,085	163	886	1,036
Calaveras	472	12	460	45	234	181
Colusa	277	15	262	25	127	110
Contra Costa	7,465	94	7,371	352	2,462	4,557
Del Norte	367	12	355	32	150	173
El Dorado	1,703	30	1,673	114	752	807
Fresno	9,898	179	9,719	396	3,631	5,692
Glenn	294	13	281	24	154	103
Humboldt	1,290	22	1,268	77	561	630
Imperial	1,650	72	1,578	170	761	647
Inyo	352	17	335	44	169	122
Kern	6,282	173	6,109	417	2,728	2,964
Kings	1,047	44	1,003	72	463	468
Lake	633	17	616	51	320	245
Lassen	397	15	382	36	183	163
Los Angeles	121,033	1,162	119,871	5,681	40,927	73,263
Madera	1,195	53	1,142	84	581	477
Marin	1,928	29	1,899	125	722	1,052
Mariposa	208	4	204	19	103	82
Mendocino	1,164	32	1,132	99	478	555
Merced	2,691	96	2,595	140	1,191	1,264
Modoc	118	5	113	13	58	42
Mono	249	8	241	30	128	83
Monterey	3,617	87	3,530	248	1,400	1,882
Napa	1,555	19	1,536	104	644	788
Nevada	884	24	860	55	378	427
Orange	29,375	298	29,077	1,139	9,596	18,342
Placer	2,240	60	2,180	145	875	1,160
Plumas	299	11	288	39	149	100
Riverside	14,472	400	14,072	867	5,927	7,278
Sacramento	14,243	162	14,081	665	4,722	8,704
San Benito	461	8	453	37	184	232
San Bernardino	18,679	421	18,258	1,151	7,342	9,765
San Diego	29,024	412	28,612	1,476	10,314	16,822
San Francisco	8,984	52	8,932	272	2,643	6,017
San Joaquin	6,893	159	6,734	355	2,524	3,855
San Luis Obispo	2,208	43	2,165	154	1,003	1,008
San Mateo	5,424	58	5,366	263	1,887	3,216
Santa Barbara	3,531	59	3,472	185	1,411	1,876
Santa Clara	15,952	141	15,811	663	4,956	10,192
Santa Cruz	2,798	26	2,772	151	1,121	1,500
Shasta	1,901	56	1,845	136	815	894
Sierra	60	1	59	5	29	25
Siskiyou	535	20	515	51	264	200
Solano	3,778	38	3,740	179	1,349	2,212
Sonoma	4,252	82	4,170	212	1,698	2,260
Stanislaus	4,759	88	4,671	235	2,016	2,420
Sutter	863	26	837	54	359	424
Tehama	647	18	629	68	300	261
Trinity	179	7	172	11	95	66
Tulare	4,028	150	3,878	228	1,772	1,878
Tuolumne	666	11	655	59	315	281
Ventura	7,149	106	7,043	456	2,670	3,917
Yolo	1,495	27	1,468	89	695	684
Yuba	674	20	654	37	289	328
TOTAL	369,026	5,381	363,645	18,657	132,176	212,812

TABLE 8D FATAL ACCIDENTS BY COUNTY BY YEAR 1980 - 1989

COUNTY	YEAR									
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Alameda	143	131	123	104	128	129	115	131	128	125
Alpine	1	5	1	2	2	2	1	5	2	1
Amador	16	11	5	18	14	14	15	13	13	9
Butte	47	32	24	35	34	32	42	45	45	40
Calaveras	9	8	8	9	15	9	10	20	21	11
Colusa	8	9	6	4	12	6	5	3	6	14
Contra Costa	82	76	79	76	93	80	76	88	86	89
Del Norte	7	5	4	12	5	7	7	7	11	10
El Dorado	25	41	29	22	42	36	39	29	38	28
Fresno	175	154	131	134	165	157	147	155	167	157
Glenn	10	7	9	17	10	7	11	12	5	13
Humboldt	37	24	23	32	22	24	28	36	34	21
Imperial	52	43	40	51	34	41	34	43	56	58
Inyo	14	23	10	9	12	17	13	11	12	14
Kern	168	164	147	143	152	135	165	168	157	149
Kings	22	24	31	24	34	26	24	29	26	34
Lake	18	13	17	16	20	13	13	22	19	13
Lassen	12	21	10	14	13	12	12	15	11	14
Los Angeles	1,203	1,175	1,016	991	1,091	1,055	1,119	1,170	1,136	1,094
Madera	28	31	22	32	27	27	34	29	47	38
Marin	37	22	26	17	16	23	27	17	16	28
Mariposa	6	9	6	8	10	5	6	6	5	4
Mendocino	43	36	30	21	29	39	29	30	35	28
Merced	42	42	37	51	53	46	52	54	55	73
Modoc	8	3	7	6	2	10	5	8	5	5
Mono	13	9	8	10	7	5	11	4	12	7
Monterey	78	78	67	61	50	63	73	69	65	75
Napa	29	27	25	19	23	20	30	26	22	19
Nevada	24	24	17	24	17	20	21	21	17	21
Orange	270	262	231	231	248	282	277	278	263	281
Placer	40	36	27	33	29	33	32	28	37	49
Plumas	15	13	12	8	12	11	14	8	13	11
Riverside	237	223	203	172	274	250	260	294	294	331
Sacramento	150	139	113	124	136	146	153	163	162	147
San Benito	5	9	11	4	13	10	11	15	13	8
San Bernardino	329	309	273	258	277	301	308	383	362	380
San Diego	354	332	286	306	331	349	358	375	390	385
San Francisco	84	58	71	61	53	71	48	46	72	50
San Joaquin	101	98	95	90	101	84	117	121	116	133
San Luis Obispo	47	38	52	35	50	47	43	67	45	40
San Mateo	66	73	63	60	58	48	63	55	59	54
Santa Barbara	51	50	49	55	60	49	52	51	44	46
Santa Clara	195	208	150	152	150	165	137	152	154	135
Santa Cruz	34	39	32	43	38	42	48	44	38	22
Shasta	41	36	40	40	38	34	36	48	46	52
Sierra	3	2	1	1	3	-	5	1	5	1
Siskiyou	22	22	14	17	29	10	21	22	12	18
Solano	42	53	40	26	56	38	46	59	42	34
Sonoma	109	67	58	70	77	79	79	81	79	70
Stanislaus	77	70	71	59	56	58	81	80	68	77
Sutter	12	21	17	12	15	12	18	15	25	25
Tehama	23	20	20	18	26	9	24	17	17	18
Trinity	12	7	8	9	7	9	11	8	10	7
Tulare	88	97	82	82	69	83	75	88	95	121
Tuolumne	14	10	13	17	21	13	19	21	12	11
Ventura	108	86	75	95	91	91	103	89	83	93
Yolo	26	30	33	35	32	23	26	30	36	27
Yuba	14	11	15	12	15	15	18	15	15	16
TOTAL	4,926	4,666	4,113	4,087	4,497	4,422	4,647	4,920	4,859	4,834

TABLE 8E PERSONS KILLED BY COUNTY BY YEAR 1980 - 1989

COUNTY	YEAR									
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Alameda	149	144	130	112	137	138	127	139	136	134
Alpine	1	5	1	2	2	2	2	5	2	1
Amador	17	11	5	21	19	17	20	15	14	10
Butte	53	34	28	37	37	40	48	47	51	42
Calaveras	10	8	11	10	16	10	11	21	21	12
Colusa	8	9	7	4	13	7	5	3	6	15
Contra Costa	94	84	91	77	103	85	84	92	93	94
Del Norte	7	5	5	13	5	8	8	7	11	12
El Dorado	27	46	30	23	47	41	42	37	43	30
Fresno	209	178	154	156	198	186	165	177	193	179
Glenn	10	8	10	21	10	8	11	13	6	13
Humboldt	51	24	26	38	24	26	31	40	42	22
Imperial	67	51	52	59	50	53	44	55	68	72
Inyo	18	29	11	13	16	21	16	14	15	17
Kern	192	190	180	168	171	153	193	205	171	173
Kings	25	28	46	27	36	29	33	35	31	44
Lake	26	14	19	16	23	15	15	24	20	17
Lassen	12	24	14	15	14	16	19	20	13	15
Los Angeles	1,301	1,261	1,101	1,096	1,181	1,132	1,208	1,267	1,230	1,162
Madera	31	35	26	37	32	36	41	38	59	53
Marin	39	22	29	22	17	24	28	18	16	29
Mariposa	6	12	6	12	11	5	7	7	5	4
Mendocino	48	42	35	22	31	41	32	37	42	32
Merced	50	45	43	63	55	55	68	74	74	96
Modoc	8	3	9	7	3	10	8	9	8	5
Mono	15	11	9	12	10	5	33	6	15	8
Monterey	90	87	75	79	56	71	82	75	73	87
Napa	32	31	31	20	26	25	36	30	28	19
Nevada	25	30	21	25	19	21	21	24	18	24
Orange	301	273	250	253	267	309	292	305	289	298
Placer	52	45	35	40	35	39	35	30	38	60
Plumas	17	14	12	8	13	13	16	10	14	11
Riverside	272	255	231	208	305	293	303	335	327	400
Sacramento	168	154	128	130	144	167	169	181	180	162
San Benito	6	10	13	4	15	11	13	16	14	8
San Bernardino	383	365	307	284	323	348	354	450	398	421
San Diego	385	355	304	324	356	368	385	408	419	412
San Francisco	87	62	73	63	57	75	49	48	75	52
San Joaquin	118	114	108	103	115	94	134	133	130	159
San Luis Obispo	49	45	62	40	56	52	56	72	49	43
San Mateo	72	81	65	65	65	55	72	57	64	58
Santa Barbara	59	60	62	57	66	53	57	55	51	59
Santa Clara	210	217	159	169	168	185	152	169	169	141
Santa Cruz	35	44	35	46	40	47	50	45	43	26
Shasta	44	40	45	48	42	38	49	61	52	56
Sierra	3	2	1	2	3	-	5	1	5	1
Siskiyou	24	23	16	17	31	11	24	25	12	20
Solano	52	57	44	27	63	46	54	74	43	38
Sonoma	124	72	61	80	88	85	88	85	83	82
Stanislaus	84	80	86	69	60	60	102	92	78	88
Sutter	12	29	21	13	15	12	20	16	37	26
Tehama	26	21	22	22	37	10	27	18	19	18
Trinity	13	9	11	12	7	10	12	8	13	7
Tulare	96	118	101	99	81	112	84	104	113	150
Tuolumne	17	12	13	17	25	13	21	25	12	11
Ventura	113	95	85	109	106	100	111	95	92	106
Yolo	30	33	37	43	38	26	31	33	41	27
Yuba	16	14	17	12	16	21	19	15	17	20
TOTAL	5,489	5,170	4,609	4,571	4,999	4,933	5,222	5,500	5,381	5,381

TABLE 8F INJURY ACCIDENTS BY COUNTY BY YEAR 1980 - 1989

COUNTY	YEAR									
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Alameda	8,835	8,841	8,024	8,655	9,157	9,660	10,144	9,905	9,908	9,872
Alpine	37	37	31	39	43	40	56	30	33	20
Amador	179	193	200	193	197	220	205	240	239	218
Butte	1,341	1,201	1,021	1,206	1,306	1,365	1,444	1,494	1,430	1,386
Calaveras	276	290	257	304	272	273	343	326	312	304
Colusa	143	140	140	144	139	150	148	168	157	158
Contra Costa	5,104	5,058	4,479	4,631	4,959	4,984	5,343	5,298	5,134	5,078
Del Norte	198	187	180	187	163	192	199	204	196	217
El Dorado	1,005	987	910	906	960	1,032	1,019	985	993	1,073
Fresno	4,628	4,662	4,236	4,495	4,756	4,763	5,370	5,646	5,709	5,845
Glenn	187	174	166	138	132	147	191	202	176	185
Humboldt	955	865	837	769	924	914	925	964	880	842
Imperial	741	763	735	690	733	761	829	901	968	935
Inyo	220	180	164	162	149	153	121	167	157	199
Kern	3,240	3,408	3,354	3,416	3,550	3,851	3,916	4,186	3,954	3,767
Kings	488	540	467	521	513	493	515	581	587	569
Lake	408	462	396	406	408	423	424	393	403	412
Lassen	259	277	252	196	199	240	260	245	247	230
Los Angeles	64,864	61,260	58,962	61,113	64,248	66,785	73,696	74,912	73,363	75,703
Madera	527	514	482	544	561	520	607	673	738	684
Marin	1,795	1,808	1,673	1,725	1,736	1,685	1,711	1,726	1,480	1,368
Mariposa	94	116	98	111	130	131	139	132	131	124
Mendocino	649	520	542	655	625	689	670	681	727	743
Merced	1,211	1,150	1,059	1,021	1,225	1,211	1,351	1,445	1,396	1,568
Modoc	77	81	71	77	73	80	85	66	81	65
Mono	171	179	218	195	175	168	155	153	167	149
Monterey	2,187	2,108	1,935	2,056	2,108	2,333	2,353	2,486	2,393	2,320
Napa	830	859	820	827	939	869	930	938	993	957
Nevada	598	605	548	616	538	500	500	559	586	525
Orange	16,449	16,675	15,987	16,536	17,937	18,704	19,784	20,639	20,115	19,504
Placer	1,176	1,159	1,061	1,146	1,164	1,231	1,285	1,331	1,363	1,401
Plumas	202	196	163	181	188	215	201	193	190	172
Riverside	5,411	5,399	5,322	6,101	6,762	7,114	7,896	8,388	8,688	8,930
Sacramento	6,508	6,373	6,483	6,870	7,083	7,647	8,830	9,319	9,091	9,303
San Benito	214	203	156	161	180	190	207	253	237	284
San Bernardino	7,508	7,251	7,349	8,136	8,806	9,453	10,834	11,609	11,545	11,561
San Diego	15,585	15,668	15,245	16,884	17,940	18,486	19,411	19,513	19,461	19,344
San Francisco	4,071	5,016	4,567	4,919	5,505	5,863	5,783	6,234	6,008	6,143
San Joaquin	3,362	3,372	3,136	3,395	3,713	3,934	4,145	4,275	4,402	4,281
San Luis Obispo	1,143	1,210	1,190	1,303	1,469	1,436	1,467	1,485	1,435	1,476
San Mateo	3,955	4,016	3,771	4,006	4,111	3,961	4,080	4,242	4,012	3,782
Santa Barbara	2,399	2,342	2,378	2,479	2,658	2,584	2,727	2,810	2,621	2,415
Santa Clara	10,948	10,487	9,488	10,604	11,549	11,433	11,381	11,308	11,312	11,083
Santa Cruz	1,712	1,781	1,666	1,854	2,003	2,160	2,112	2,043	1,922	1,979
Shasta	1,095	1,120	987	931	986	1,020	1,147	1,253	1,220	1,215
Sierra	60	70	51	58	51	55	48	49	51	35
Siskiyou	326	330	297	303	295	322	309	341	326	313
Solano	1,661	1,775	1,816	1,838	1,879	1,910	2,130	2,352	2,350	2,464
Sonoma	2,585	2,593	2,452	2,447	2,716	2,844	3,101	3,148	2,942	2,826
Stanislaus	2,136	2,058	1,980	2,143	1,992	2,224	2,655	2,792	2,687	2,959
Sutter	408	396	327	352	398	384	486	479	485	512
Tehama	389	343	337	315	331	359	390	419	455	415
Trinity	163	132	102	130	129	118	129	132	164	115
Tulare	1,554	1,656	1,600	1,667	1,662	1,749	1,921	1,971	2,040	2,180
Tuolumne	422	442	413	420	447	438	483	482	470	434
Ventura	4,232	4,017	3,365	4,074	4,338	4,431	4,902	4,973	4,913	4,729
Yolo	832	799	649	724	810	843	1,042	1,006	991	1,006
Yuba	419	437	377	419	399	430	469	445	457	450
TOTAL	198,172	194,781	184,972	196,394	208,419	216,170	233,004	239,190	235,491	236,831

TABLE 8G PERSONS INJURED BY COUNTY BY YEAR 1980 - 1989

COUNTY	YEAR									
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Alameda	12,283	12,447	11,339	12,289	12,883	13,599	14,091	14,141	13,924	14,046
Alpine	69	59	55	73	79	71	90	56	59	35
Amador	321	288	336	325	327	387	319	375	367	335
Butte	1,889	1,755	1,479	1,805	1,887	2,064	2,108	2,187	2,066	2,085
Calaveras	434	442	400	464	427	442	551	562	484	460
Colusa	224	226	218	227	254	233	249	267	241	262
Contra Costa	7,256	7,116	6,441	6,572	7,203	7,125	7,625	7,646	7,365	7,371
Del Norte	290	298	287	291	245	283	335	333	331	355
El Dorado	1,514	1,528	1,364	1,396	1,522	1,599	1,576	1,484	1,519	1,673
Fresno	7,104	7,228	6,672	7,161	7,443	7,622	8,493	9,179	9,271	9,719
Glenn	275	290	242	245	196	219	298	304	264	281
Humboldt	1,396	1,226	1,248	1,136	1,348	1,306	1,353	1,407	1,334	1,268
Imperial	1,172	1,167	1,183	1,118	1,136	1,225	1,341	1,433	1,614	1,578
Inyo	367	344	292	307	274	254	230	308	241	335
Kern	5,013	5,292	5,305	5,307	5,574	6,056	6,118	6,673	6,240	6,109
Kings	755	847	747	850	819	759	831	951	1,013	1,003
Lake	610	704	599	584	598	625	638	593	631	616
Lassen	391	415	427	313	350	395	424	381	408	382
Los Angeles	97,701	92,519	89,115	92,731	97,767	102,323	113,555	116,374	115,099	119,871
Madera	844	843	783	876	899	826	972	1,108	1,250	1,142
Marin	2,484	2,437	2,302	2,374	2,337	2,336	2,269	2,298	1,935	1,899
Mariposa	145	202	149	171	199	213	236	224	206	204
Mendocino	946	838	848	969	1,018	1,051	995	1,002	1,103	1,132
Merced	1,816	1,738	1,623	1,601	2,012	1,896	2,145	2,354	2,157	2,595
Modoc	132	131	107	132	100	150	157	97	131	113
Mono	277	299	346	330	296	263	302	248	305	241
Monterey	3,147	3,153	2,852	3,072	3,107	3,467	3,499	3,810	3,611	3,530
Napa	1,235	1,311	1,264	1,239	1,424	1,315	1,355	1,393	1,558	1,536
Nevada	889	984	898	971	833	815	810	948	943	860
Orange	23,367	23,571	22,751	23,920	25,789	26,953	28,794	30,324	29,496	29,077
Placer	1,796	1,751	1,630	1,953	1,836	1,842	1,995	1,981	2,061	2,180
Plumas	307	321	262	289	277	302	298	301	287	288
Riverside	8,413	8,227	8,348	9,478	10,565	11,153	12,125	12,975	13,460	14,072
Sacramento	9,711	9,566	9,535	10,237	10,355	11,558	13,067	14,143	13,639	14,081
San Benito	313	296	248	259	271	288	353	401	357	453
San Bernardino	11,492	11,068	11,327	12,813	13,585	14,821	16,532	18,015	18,177	18,258
San Diego	22,000	22,123	21,525	24,094	25,385	26,419	27,375	28,111	28,279	28,612
San Francisco	5,839	7,259	6,604	7,071	7,803	8,437	8,238	8,916	8,768	8,932
San Joaquin	5,075	5,158	4,724	5,153	5,557	5,924	6,240	6,484	6,886	6,734
San Luis Obispo	1,664	1,752	1,762	1,927	2,201	2,137	2,150	2,209	2,156	2,165
San Mateo	5,632	5,660	5,387	5,762	5,850	5,563	5,753	5,922	5,630	5,366
Santa Barbara	3,270	3,280	3,336	3,506	3,623	3,659	3,925	3,959	3,788	3,472
Santa Clara	15,392	14,679	13,218	14,675	16,078	16,100	15,611	15,721	15,997	15,811
Santa Cruz	2,425	2,526	2,414	2,693	2,853	3,062	3,017	2,918	2,766	2,772
Shasta	1,674	1,676	1,527	1,428	1,535	1,534	1,739	1,892	1,835	1,845
Sierra	87	105	73	90	77	73	74	69	77	59
Siskiyou	495	491	458	483	446	499	478	535	524	515
Solano	2,475	2,578	2,719	2,719	2,751	2,785	3,159	3,558	3,492	3,740
Sonoma	3,830	3,823	3,575	3,624	3,963	4,128	4,471	4,649	4,298	4,170
Stanislaus	3,166	3,075	3,000	3,286	3,116	3,405	4,040	4,399	4,131	4,671
Sutter	604	581	514	532	644	563	722	759	710	837
Tehama	594	534	506	495	536	535	588	650	691	629
Trinity	250	207	165	198	180	174	184	196	225	172
Tulare	2,408	2,662	2,561	2,744	2,762	2,924	3,233	3,194	3,502	3,878
Tuolumne	618	685	625	655	722	651	728	751	683	655
Ventura	6,190	5,762	4,898	5,849	6,268	6,439	7,277	7,361	7,232	7,043
Yolo	1,227	1,150	938	1,058	1,190	1,213	1,491	1,488	1,453	1,468
Yuba	646	631	522	618	577	643	729	682	675	654
TOTAL	291,939	287,324	274,073	292,538	309,352	322,703	347,351	360,699	356,945	363,645

TABLE 8H FATAL ACCIDENTS BY COUNTY BY MONTH - 1989

COUNTY	TOTAL	MONTH											
		Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Alameda	125	7	15	12	9	14	8	12	9	9	11	9	10
Alpine	1	-	-	-	-	-	-	-	-	1	-	-	-
Amador	9	1	-	1	2	1	-	1	-	-	-	3	-
Butte	40	2	2	4	6	6	2	4	1	3	3	2	5
Calaveras	11	-	-	-	-	-	3	5	1	1	-	1	-
Colusa	14	-	3	1	-	1	2	1	1	2	-	1	2
Contra Costa	89	5	8	5	8	10	4	6	5	7	13	12	6
Del Norte	10	3	-	-	-	1	1	-	3	-	1	-	1
El Dorado	28	-	1	1	1	1	2	3	4	6	-	3	6
Fresno	157	10	12	8	12	11	9	24	18	16	17	9	11
Glenn	13	1	1	1	1	1	1	1	1	2	1	1	1
Humboldt	21	-	3	3	-	2	1	1	5	2	3	1	-
Imperial	58	-	3	8	6	4	4	5	9	2	1	4	12
Inyo	14	1	1	-	1	-	-	2	4	2	-	2	1
Kern	149	7	11	8	17	5	15	19	15	14	15	11	12
Kings	34	-	-	3	3	3	2	4	4	2	4	3	6
Lake	13	1	1	1	2	1	-	2	1	1	2	-	1
Lassen	14	-	-	3	-	2	1	3	1	1	2	1	-
Los Angeles	1,094	96	79	83	86	89	85	85	89	112	101	95	94
Madera	38	1	5	1	2	4	2	7	2	7	5	1	1
Marin	28	-	1	1	2	6	4	3	3	2	1	3	2
Mariposa	4	-	-	-	-	-	1	-	1	1	1	-	-
Mendocino	28	1	2	1	4	3	4	-	5	3	3	2	-
Merced	73	7	3	7	6	6	6	7	7	7	3	4	10
Modoc	5	-	-	-	2	-	1	1	-	1	-	-	-
Mono	7	-	-	-	-	1	1	-	1	-	2	1	1
Monterey	75	6	1	3	10	3	12	11	4	5	9	6	5
Napa	19	1	3	1	1	1	3	2	1	1	2	2	1
Nevada	21	2	1	-	4	2	2	3	2	2	1	1	1
Orange	281	26	20	19	18	24	20	22	29	32	26	22	23
Placer	49	3	6	4	1	1	3	7	4	3	7	6	4
Plumas	11	1	1	1	1	3	1	2	-	1	-	-	-
Riverside	331	28	21	30	37	34	33	24	27	29	26	21	21
Sacramento	147	8	12	13	10	10	10	12	19	10	12	17	14
San Benito	8	-	1	-	-	-	-	-	1	1	2	1	2
San Bernardino	380	28	29	27	17	38	35	39	38	39	33	26	31
San Diego	385	44	26	29	31	32	22	37	41	32	27	31	33
San Francisco	50	6	5	3	5	3	1	3	2	4	5	6	7
San Joaquin	133	10	8	12	11	12	10	9	11	15	10	10	15
San Luis Obispo	40	-	3	2	4	1	4	5	3	8	5	2	3
San Mateo	54	5	5	2	5	4	2	9	3	5	6	5	3
Santa Barbara	46	7	4	3	4	4	6	5	7	3	2	1	-
Santa Clara	135	11	7	17	9	11	7	10	12	10	19	13	9
Santa Cruz	22	-	4	-	1	1	-	3	3	2	3	2	3
Shasta	52	-	1	5	7	3	4	5	10	8	2	5	2
Sierra	1	-	-	-	-	1	-	-	-	-	-	-	-
Siskiyou	18	-	-	-	1	-	1	4	3	2	2	4	1
Solano	34	3	4	-	3	2	1	5	5	4	3	2	2
Sonoma	70	5	4	8	5	14	4	7	5	7	2	7	2
Stanislaus	77	6	3	4	8	1	7	10	10	10	4	6	8
Sutter	25	1	2	3	1	3	2	5	3	2	-	2	1
Tehama	18	-	2	-	-	1	-	3	5	1	2	2	2
Trinity	7	-	2	-	-	2	2	-	-	-	-	-	1
Tulare	121	4	8	10	10	16	7	18	9	10	8	11	10
Tuolumne	11	-	-	-	1	-	-	5	1	-	1	3	-
Ventura	93	7	9	16	6	6	2	11	7	2	9	11	7
Yolo	27	2	3	2	3	2	2	3	3	1	3	2	1
Yuba	16	2	-	1	2	3	-	2	1	1	2	2	-
TOTAL	4,834	359	346	367	386	410	362	477	459	454	422	398	394

TABLE 8I PERSONS KILLED BY COUNTY BY MONTH - 1989

COUNTY	TOTAL	MONTH											
		Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Alameda	134	7	16	12	9	14	10	15	10	11	11	9	10
Alpine	1	-	-	-	-	-	-	-	-	1	-	-	-
Amador	10	1	-	2	2	1	-	1	-	-	-	3	-
Butte	42	2	2	5	6	6	2	4	1	3	4	2	5
Calaveras	12	-	-	-	-	-	3	6	1	1	-	1	-
Colusa	15	-	3	2	-	1	2	1	1	2	-	1	2
Contra Costa	94	5	8	6	8	10	5	6	5	7	14	14	6
Del Norte	12	3	-	-	-	1	2	-	4	-	1	-	1
El Dorado	30	-	1	1	1	1	2	4	4	6	-	4	6
Fresno	179	10	14	9	13	14	9	30	21	18	19	9	13
Glenn	13	1	1	1	1	1	1	1	1	2	1	1	1
Humboldt	22	-	3	3	-	3	1	1	5	2	3	1	-
Imperial	72	-	5	10	6	4	4	6	12	5	1	7	12
Inyo	17	1	2	-	1	-	-	2	6	2	-	2	1
Kern	173	9	14	10	19	5	20	23	17	15	16	11	14
Kings	44	-	-	6	3	4	5	4	4	2	5	3	8
Lake	17	3	1	1	2	1	-	3	1	2	2	-	1
Lassen	15	-	-	3	-	3	1	3	1	1	2	1	-
Los Angeles	1,162	100	83	92	89	93	88	91	95	121	108	103	99
Madera	53	2	6	1	3	5	4	9	5	9	7	1	1
Marin	29	-	1	1	3	6	4	3	3	2	1	3	2
Mariposa	4	-	-	-	-	-	1	-	1	1	1	-	-
Mendocino	32	1	2	1	4	3	5	-	6	4	4	2	-
Merced	96	7	6	11	7	7	8	14	8	8	4	5	11
Modoc	5	-	-	-	2	-	1	1	-	1	-	-	-
Mono	8	-	-	-	-	1	1	-	1	-	3	1	1
Monterey	87	6	1	3	13	3	12	15	4	5	11	9	5
Napa	19	1	3	1	1	1	3	2	1	1	2	2	1
Nevada	24	2	1	-	4	3	2	3	2	4	1	1	1
Orange	298	26	21	21	19	24	23	23	32	34	26	26	23
Placer	60	7	6	4	1	4	3	8	4	3	7	8	5
Plumas	11	1	1	1	1	3	1	2	-	1	-	-	-
Riverside	400	33	28	40	38	42	40	27	33	34	33	28	24
Sacramento	162	11	14	14	10	11	12	13	21	10	13	19	14
San Benito	8	-	1	-	-	-	-	-	1	1	2	1	2
San Bernardino	421	29	34	29	23	41	38	45	43	44	37	27	31
San Diego	412	47	27	31	33	36	26	37	41	38	32	31	33
San Francisco	52	7	5	3	6	3	1	3	2	4	5	6	7
San Joaquin	159	11	8	14	12	15	12	11	12	24	10	12	18
San Luis Obispo	43	-	3	2	4	1	4	5	4	8	5	3	4
San Mateo	58	5	5	2	5	4	3	9	3	6	6	6	4
Santa Barbara	59	11	5	5	7	5	7	5	7	3	3	1	-
Santa Clara	141	13	8	18	9	11	7	10	12	10	19	15	9
Santa Cruz	26	-	4	-	2	1	-	4	3	3	3	2	4
Shasta	56	-	1	5	7	3	4	5	12	8	2	7	2
Sierra	1	-	-	-	-	1	-	-	-	-	-	-	-
Siskiyou	20	-	-	-	1	-	1	4	4	2	2	5	1
Solano	38	3	5	-	3	2	1	5	7	5	3	2	2
Sonoma	82	5	5	8	7	15	10	8	5	8	2	7	2
Stanislaus	88	6	3	5	11	1	7	10	10	11	4	8	12
Sutter	26	1	2	3	1	3	2	6	3	2	-	2	1
Tehama	18	-	2	-	-	1	-	3	5	1	2	2	2
Trinity	7	-	2	-	-	2	2	-	-	-	-	-	1
Tulare	150	4	10	13	13	17	7	22	12	13	12	12	15
Tuolumne	11	-	-	-	1	-	-	5	1	-	1	3	-
Ventura	106	7	11	19	6	7	2	13	8	2	10	12	9
Yolo	27	2	3	2	3	2	2	3	3	1	3	2	1
Yuba	20	2	-	1	2	4	-	3	2	1	3	2	-
TOTAL	5,381	392	387	421	422	450	411	537	510	513	466	445	427

TABLE 8J INJURY ACCIDENTS BY COUNTY BY MONTH - 1989

	MONTH												
COUNTY	TOTAL	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Alameda	9,872	786	705	828	777	826	787	863	850	874	890	837	849
Alpine	20	-	-	4	1	3	1	4	2	2	1	-	2
Amador	218	15	19	22	18	16	12	15	21	24	18	22	16
Butte	1,386	107	96	118	129	119	117	94	126	140	114	118	108
Calaveras	304	22	22	18	26	30	25	28	27	29	27	21	29
Colusa	158	7	3	12	15	12	12	21	15	20	16	8	17
Contra Costa	5,078	397	335	460	435	416	463	435	457	445	420	390	425
Del Norte	217	18	10	21	16	23	16	14	23	19	26	18	13
El Dorado	1,073	75	63	72	83	98	101	112	105	98	104	77	85
Fresno	5,845	438	378	508	452	504	484	512	485	548	538	513	485
Glenn	185	11	11	15	19	14	17	16	21	12	17	14	18
Humboldt	842	58	61	65	89	68	64	73	77	74	67	73	73
Imperial	935	87	70	72	96	94	78	64	65	73	70	85	81
Inyo	199	17	12	17	15	18	17	22	17	15	19	16	14
Kern	3,767	312	242	314	308	323	336	319	314	361	316	301	321
Kings	569	57	28	51	44	42	46	52	46	57	49	52	45
Lake	412	26	20	23	31	43	49	49	46	31	33	37	24
Lassen	230	15	17	16	18	19	22	26	24	22	20	17	14
Los Angeles	75,703	5,620	5,649	6,726	6,240	6,402	6,200	6,416	6,407	6,582	6,800	6,358	6,303
Madera	684	48	60	58	58	63	54	71	51	77	56	42	46
Marin	1,368	100	100	114	119	109	130	121	124	116	112	106	117
Mariposa	124	9	8	12	11	12	12	8	11	9	9	11	12
Mendocino	743	56	56	63	54	50	70	72	84	57	49	68	64
Merced	1,568	104	94	115	125	140	130	162	140	160	130	141	127
Modoc	65	3	2	3	3	4	4	7	7	4	15	5	8
Mono	149	7	14	10	13	8	10	21	21	18	2	11	14
Monterey	2,320	150	170	198	220	190	181	205	188	201	242	195	180
Napa	957	58	61	72	83	95	85	70	81	90	91	87	84
Nevada	525	45	41	47	41	47	43	47	52	46	41	38	37
Orange	19,504	1,399	1,511	1,622	1,528	1,713	1,547	1,729	1,785	1,691	1,708	1,693	1,578
Placer	1,401	102	113	127	113	116	109	136	128	128	123	101	105
Plumas	172	13	11	6	7	14	10	31	20	19	16	15	10
Riverside	8,930	674	690	883	784	793	697	704	691	728	760	793	733
Sacramento	9,303	625	623	897	773	802	766	810	832	761	853	800	761
San Benito	284	19	18	23	17	22	25	29	27	31	16	31	26
San Bernardino	11,561	890	862	1,029	888	957	957	988	956	930	1,016	1,031	1,057
San Diego	19,344	1,465	1,493	1,769	1,617	1,657	1,545	1,679	1,502	1,666	1,673	1,698	1,580
San Francisco	6,143	504	474	577	503	513	457	495	514	526	500	546	534
San Joaquin	4,281	328	283	366	353	355	340	407	384	392	372	348	353
San Luis Obispo	1,476	101	88	138	119	144	137	133	132	123	127	105	129
San Mateo	3,782	289	294	327	288	298	299	316	335	323	342	355	316
Santa Barbara	2,415	183	135	204	217	187	205	241	222	226	199	211	185
Santa Clara	11,083	701	837	996	932	940	864	991	1,038	959	1,032	903	890
Santa Cruz	1,979	144	145	166	155	186	190	202	154	167	166	146	158
Shasta	1,215	88	77	92	97	107	115	113	112	110	108	98	98
Sierra	39	2	3	2	2	5	5	4	2	1	6	4	3
Siskiyou	313	24	14	24	27	29	24	37	23	30	26	38	17
Solano	2,464	189	175	210	193	214	206	219	234	230	209	188	197
Sonoma	2,826	230	212	283	254	209	206	198	206	214	293	271	250
Stanislaus	2,959	197	172	225	267	232	267	236	253	277	274	277	282
Sutter	512	43	33	38	42	45	55	26	47	55	54	35	39
Tehama	415	37	26	28	39	30	31	31	41	37	42	36	37
Trinity	115	11	5	4	11	13	11	12	10	12	11	6	9
Tulare	2,180	173	131	182	185	199	188	186	214	182	185	182	173
Tuolumne	434	24	34	41	26	43	43	42	42	47	32	34	26
Ventura	4,729	371	361	417	394	391	390	359	376	391	478	418	383
Yolo	1,006	80	52	71	74	93	92	79	98	88	107	85	87
Yuba	450	29	38	34	35	43	42	34	36	43	36	33	47
TOTAL	236,831	17,583	17,257	20,835	19,479	20,138	19,389	20,386	20,301	20,591	21,056	20,142	19,674

TABLE 8K PERSONS INJURED BY COUNTY BY MONTH - 1989

COUNTY	TOTAL	MONTH											
		Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Alameda	14,046	1,108	1,024	1,160	1,117	1,210	1,112	1,249	1,200	1,262	1,271	1,148	1,185
Alpine	35	-	-	5	3	3	5	4	3	5	5	-	2
Amador	335	24	36	28	24	24	21	20	33	38	26	38	23
Butte	2,085	163	149	170	194	188	186	141	173	207	180	178	156
Calaveras	460	28	33	33	43	37	40	45	42	32	45	38	44
Colusa	262	13	8	26	19	22	18	30	23	30	21	21	31
Contra Costa	7,371	567	487	672	619	601	665	635	662	652	622	557	632
Del Norte	355	28	15	42	26	38	21	26	46	32	33	30	18
El Dorado	1,673	128	114	101	114	163	148	176	166	147	156	126	134
Fresno	9,719	746	639	823	760	835	797	865	849	916	908	804	777
Glenn	281	20	14	21	27	21	25	25	32	18	25	22	31
Humboldt	1,268	94	79	111	126	95	91	117	121	114	107	109	104
Imperial	1,578	156	106	139	159	150	130	120	108	113	113	133	151
Inyo	335	35	26	29	26	23	21	44	28	22	26	36	19
Kern	6,109	499	403	524	493	518	536	538	549	566	524	477	482
Kings	1,003	92	46	93	83	91	88	100	83	95	78	77	77
Lake	616	41	34	33	41	61	72	74	60	57	63	53	27
Lassen	382	24	22	24	27	39	30	57	33	35	33	38	20
Los Angeles	119,871	8,894	8,747	10,614	9,691	10,039	9,794	10,386	10,279	10,519	10,734	10,163	10,011
Madera	1,142	77	106	92	100	106	99	120	86	120	90	74	72
Marin	1,899	129	131	160	158	162	177	163	196	149	152	158	164
Mariposa	204	14	10	24	16	16	22	15	28	14	15	16	14
Mendocino	1,132	78	78	81	81	84	122	119	140	88	73	96	92
Merced	2,595	181	153	205	211	215	228	266	233	269	207	220	207
Modoc	113	4	3	4	9	10	8	9	17	5	27	7	10
Mono	241	7	22	17	18	15	12	50	30	26	4	17	23
Monterey	3,530	231	261	309	336	292	279	345	280	308	340	283	266
Napa	1,536	90	92	126	138	131	145	123	118	152	149	140	132
Nevada	860	69	100	71	68	70	64	71	77	74	76	61	59
Orange	29,077	2,048	2,284	2,443	2,216	2,491	2,307	2,659	2,673	2,546	2,527	2,476	2,407
Placer	2,180	156	171	202	165	189	179	213	194	191	189	165	166
Plumas	288	24	21	9	11	21	16	54	28	40	23	25	16
Riverside	14,072	1,090	1,060	1,414	1,247	1,259	1,116	1,102	1,114	1,159	1,145	1,224	1,142
Sacramento	14,081	939	964	1,346	1,153	1,162	1,173	1,179	1,282	1,183	1,256	1,249	1,195
San Benito	453	28	22	43	25	28	36	51	53	60	25	39	43
San Bernardino	18,258	1,418	1,393	1,667	1,345	1,499	1,492	1,559	1,523	1,445	1,590	1,658	1,669
San Diego	28,612	2,090	2,205	2,632	2,400	2,489	2,262	2,498	2,273	2,494	2,471	2,485	2,313
San Francisco	8,932	754	686	827	753	731	647	749	730	753	746	771	785
San Joaquin	6,734	516	436	570	531	573	527	637	592	587	567	531	667
San Luis Obispo	2,165	136	132	199	182	195	200	201	203	184	182	149	202
San Mateo	5,366	379	440	476	403	422	447	453	451	450	483	518	444
Santa Barbara	3,472	258	193	303	313	280	280	330	318	323	292	309	273
Santa Clara	15,811	1,009	1,177	1,399	1,339	1,317	1,233	1,425	1,495	1,383	1,485	1,286	1,263
Santa Cruz	2,772	189	201	231	212	264	274	279	220	237	235	203	227
Shasta	1,845	122	117	141	145	159	165	179	201	166	161	153	136
Sierra	59	2	3	4	3	15	5	8	3	1	7	4	4
Siskiyou	515	34	17	39	46	56	48	59	36	48	37	67	28
Solano	3,740	264	265	314	292	319	315	356	358	357	319	282	299
Sonoma	4,170	329	289	413	379	326	312	301	308	300	434	401	378
Stanislaus	4,671	315	255	369	433	335	444	382	420	445	426	405	442
Sutter	837	68	50	57	58	67	98	49	77	93	85	71	64
Tehama	629	44	37	39	59	44	43	52	68	56	63	55	69
Trinity	172	18	7	8	13	24	17	14	17	19	16	6	13
Tulare	3,878	311	218	319	341	363	336	371	378	317	336	302	306
Tuolumne	655	28	51	56	38	60	64	68	64	74	52	58	42
Ventura	7,043	561	532	606	592	580	593	523	535	579	755	636	551
Yolo	1,468	125	72	99	103	130	130	114	148	131	165	121	130
Yuba	654	44	54	49	51	57	62	54	52	57	51	47	76
TOTAL	363,645	26,839	26,290	32,011	29,575	30,714	29,777	31,832	31,509	31,743	32,226	30,816	30,313

TABLE 8L DUI/PCF FATAL AND INJURY ACCIDENTS BY COUNTY 1985 - 1989

COUNTY	YEAR									
	1985		1986		1987		1988		1989	
	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
Alameda	39	1,014	31	1,022	41	1,006	34	962	40	946
Alpine	-	9	-	8	2	8	2	7	-	2
Amador	7	47	5	40	3	49	2	40	7	48
Butte	12	202	21	190	16	216	17	203	15	205
Calaveras	4	38	4	53	7	66	11	72	3	61
Colusa	4	30	3	15	1	30	4	33	6	36
Contra Costa	32	604	30	647	36	610	31	607	45	618
Del Norte	2	36	6	37	3	39	5	32	3	37
El Dorado	16	176	20	170	15	169	10	176	12	205
Fresno	57	628	47	723	60	701	64	700	53	795
Glenn	3	28	4	40	6	48	2	30	7	41
Humboldt	8	142	10	152	20	160	19	119	12	138
Imperial	17	160	15	131	16	170	19	147	25	173
Inyo	8	31	5	25	3	27	3	24	7	41
Kern	51	570	58	612	55	638	59	620	56	631
Kings	9	85	9	93	15	79	10	67	11	74
Lake	5	80	5	87	13	96	7	109	7	102
Lassen	5	22	3	30	4	28	4	37	2	30
Los Angeles	275	7,789	294	8,352	343	8,286	348	7,890	369	8,108
Madera	10	86	15	105	11	130	24	128	18	126
Marin	9	203	10	190	8	199	6	180	16	176
Mariposa	4	14	3	18	3	17	3	24	3	30
Mendocino	16	94	11	89	12	95	12	95	13	130
Merced	13	155	18	227	18	202	22	182	24	207
Modoc	4	9	1	15	1	3	3	15	3	17
Mono	2	22	2	21	1	19	4	24	2	34
Monterey	29	380	23	358	24	364	24	336	29	353
Napa	9	122	7	142	13	122	8	129	7	161
Nevada	7	61	3	69	9	85	6	81	11	106
Orange	103	2,276	96	2,355	112	2,377	85	2,196	86	2,100
Placer	16	189	11	194	13	216	22	189	21	191
Plumas	4	29	5	30	6	34	5	34	6	25
Riverside	90	1,114	84	1,216	100	1,089	81	1,156	121	1,218
Sacramento	55	969	67	1,046	69	1,094	60	1,137	56	1,168
San Benito	6	33	7	31	4	50	8	42	1	49
San Bernardino	133	1,317	131	1,525	167	1,540	111	1,465	142	1,508
San Diego	105	2,100	113	2,012	115	1,985	103	1,811	124	2,304
San Francisco	21	453	13	371	9	353	28	348	14	408
San Joaquin	27	583	46	616	54	540	35	593	52	630
San Luis Obispo	19	237	20	258	26	243	17	221	18	249
San Mateo	20	460	22	493	20	498	19	431	18	434
Santa Barbara	20	398	27	394	17	397	13	353	17	311
Santa Clara	49	1,504	44	1,411	54	1,377	44	1,330	51	1,417
Santa Cruz	21	346	15	356	17	323	19	315	13	308
Shasta	9	138	10	159	18	173	16	187	23	203
Sierra	-	5	1	9	1	11	5	8	1	8
Siskiyou	6	37	7	45	9	56	6	44	6	70
Solano	12	196	17	232	24	269	21	308	14	348
Sonoma	34	455	43	493	37	467	26	442	33	488
Stanislaus	23	321	32	388	37	363	28	352	26	405
Sutter	5	50	8	56	8	41	11	53	12	71
Tehama	3	55	9	56	5	55	1	83	11	73
Trinity	7	24	6	25	5	30	4	27	5	26
Tulare	30	237	36	320	38	322	46	365	54	374
Tuolumne	6	74	7	104	6	91	8	89	5	90
Ventura	23	655	45	734	45	687	26	677	36	680
Yolo	10	139	12	167	14	144	12	151	12	207
Yuba	7	69	7	73	6	54	6	63	7	83
TOTAL	1,521	27,300	1,604	28,830	1,795	28,541	1,629	27,539	1,791	29,077

TABLE 8M PERSONS KILLED AND INJURED IN DUI/PCF ACCIDENTS BY COUNTY 1985 - 1989

COUNTY	YEAR									
	1985		1986		1987		1988		1989	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Alameda	44	1,487	36	1,523	44	1,532	34	1,462	47	1,479
Alpine	-	19	-	13	2	18	2	19	-	6
Amador	9	84	8	65	3	75	2	58	7	74
Butte	17	327	25	288	17	354	20	303	16	357
Calaveras	5	60	4	83	8	119	11	110	3	96
Colusa	4	55	3	31	1	52	4	58	6	61
Contra Costa	33	947	34	965	38	937	32	864	48	967
Del Norte	3	54	7	76	3	64	5	65	3	52
El Dorado	19	289	21	291	18	269	11	267	13	313
Fresno	70	1,168	54	1,197	70	1,202	75	1,220	66	1,386
Glenn	3	40	4	57	7	71	2	55	7	68
Humboldt	9	220	11	236	22	259	22	203	12	208
Imperial	22	297	21	212	23	291	23	257	28	316
Inyo	10	60	5	42	3	46	3	36	8	79
Kern	57	973	71	997	69	1,125	65	1,059	66	1,082
Kings	10	140	16	168	19	153	10	124	15	128
Lake	7	125	6	127	15	168	8	173	10	143
Lassen	8	42	4	56	6	46	5	67	2	53
Los Angeles	306	12,594	332	13,763	378	13,934	384	13,312	408	13,516
Madera	16	146	18	178	16	224	31	250	27	222
Marin	10	306	10	267	8	270	6	246	16	274
Mariposa	4	27	3	35	4	34	3	42	3	52
Mendocino	16	149	12	143	13	145	14	158	14	203
Merced	15	256	22	373	23	349	35	311	34	382
Modoc	4	17	2	26	1	6	3	28	3	29
Mono	2	34	2	38	1	34	4	44	3	54
Monterey	29	655	25	607	25	574	28	540	34	590
Napa	9	199	10	225	14	179	12	210	7	248
Nevada	7	111	3	106	11	149	7	120	12	166
Orange	115	3,536	105	3,733	125	3,843	93	3,512	93	3,367
Placer	19	282	11	316	14	323	23	292	27	309
Plumas	5	44	6	41	8	53	6	56	6	40
Riverside	106	1,867	96	2,022	119	1,832	90	1,886	154	2,046
Sacramento	63	1,625	77	1,723	71	1,827	66	1,804	65	1,845
San Benito	7	58	9	61	4	77	9	65	1	84
San Bernardino	155	2,257	150	2,499	194	2,575	122	2,447	159	2,578
San Diego	117	3,199	127	3,091	135	3,103	111	2,877	132	3,680
San Francisco	22	745	13	594	10	546	29	598	15	680
San Joaquin	31	902	55	1,013	59	907	44	998	59	1,060
San Luis Obispo	19	365	26	415	28	353	17	354	19	386
San Mateo	24	685	27	768	22	739	23	628	18	679
Santa Barbara	23	605	28	626	19	596	19	523	21	479
Santa Clara	60	2,278	49	2,096	62	2,065	54	2,049	52	2,121
Santa Cruz	24	569	16	532	17	515	22	463	16	449
Shasta	10	230	17	263	24	285	17	305	25	337
Sierra	-	7	1	15	1	15	5	9	1	14
Siskiyou	7	59	10	71	9	95	6	64	6	103
Solano	15	320	22	369	27	446	21	536	17	590
Sonoma	38	737	51	799	39	716	28	677	44	766
Stanislaus	24	523	40	662	44	630	30	614	29	638
Sutter	5	78	8	93	9	79	16	94	12	123
Tehama	3	85	10	94	5	94	1	135	11	117
Trinity	8	41	6	40	5	51	5	35	5	47
Tulare	37	432	42	592	44	565	57	672	67	718
Tuolumne	6	131	7	170	7	138	8	121	5	138
Ventura	26	1,003	49	1,163	49	1,089	33	1,090	39	1,116
Yolo	13	237	17	267	16	258	15	247	12	306
Yuba	8	108	8	132	6	91	6	98	9	132
TOTAL	1,738	43,889	1,852	46,448	2,034	46,585	1,837	44,910	2,037	47,543

TABLE 8N PERSONS KILLED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE
BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS KILLED								
	Vehicle Occupant ^{1/}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
ALAMEDA									
Alameda	-	-	-	-	-	-	1	-	1
Albany	-	-	-	-	-	-	-	-	-
Berkeley	3	-	3	-	-	-	1	1	-
Dublin	-	-	-	-	-	-	-	-	-
Emeryville	1	-	1	-	-	-	-	-	-
Fremont	9	2	7	1	-	1	3	2	1
Hayward	3	-	3	-	-	-	2	1	1
Livermore	-	-	-	-	-	-	-	-	-
Newark	-	-	-	-	-	-	2	-	2
Oakland	23	2	21	1	-	1	5	-	5
Piedmont	-	-	-	-	-	-	-	-	-
Pleasanton	2	-	2	-	-	-	1	-	1
San Leandro	2	-	2	-	-	-	1	-	1
Union City	1	-	1	-	-	-	-	-	-
CITY ROADWAYS	44	4	40	2	-	2	16	4	12
Uninc. State Highways	12	1	11	1	-	1	2	-	2
County Roadways	12	3	9	1	-	1	-	-	-
UNINC. ROADWAYS	24	4	20	2	-	2	2	-	2
COUNTY TOTAL	68	8	60	4	-	4	18	4	14
ALPINE									
CITY ROADWAYS	-	-	-	-	-	-	-	-	-
Uninc. State Highways	-	-	-	-	-	-	1	-	1
County Roadways	-	-	-	-	-	-	-	-	-
UNINC. ROADWAYS	-	-	-	-	-	-	1	-	1
COUNTY TOTAL	-	-	-	-	-	-	1	-	1
AMADOR									
Amador	-	-	-	-	-	-	-	-	-
Ione	-	-	-	-	-	-	-	-	-
Jackson	-	-	-	-	-	-	-	-	-
Plymouth	-	-	-	-	-	-	-	-	-
Sutter Creek	1	-	1	-	-	-	-	-	-
CITY ROADWAYS	1	-	1	-	-	-	-	-	-
Uninc. State Highways	3	1	2	-	-	-	-	-	-
County Roadways	5	2	3	-	-	-	-	-	-
UNINC. ROADWAYS	8	3	5	-	-	-	-	-	-
COUNTY TOTAL	9	3	6	-	-	-	-	-	-
BUTTE									
Biggs	-	-	-	-	-	-	-	-	-
Chico	3	-	3	1	-	1	-	-	-
Gridley	-	-	-	-	-	-	-	-	-
Oroville	-	-	-	-	-	-	1	-	1
Paradise	1	-	1	-	-	-	1	1	-
CITY ROADWAYS	4	-	4	1	-	1	2	1	1
Uninc. State Highways	13	4	9	1	-	1	2	1	1
County Roadways	11	2	9	-	-	-	-	-	-

^{1/} See Glossary for definition.

* Safety equipment not stated is included in not used.

TABLE 8N (Cont'd) PERSONS INJURED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS INJURED								
	Vehicle Occupant ^{1/}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
ALAMEDA									
Alameda	436	293	143	48	-	48	31	8	23
Albany	142	102	40	15	1	14	11	3	8
Berkeley	989	576	413	167	20	147	130	37	93
Dublin	142	99	43	7	-	7	11	2	9
Emeryville	181	121	60	5	-	5	8	1	7
Fremont	1,530	1,046	484	88	7	81	107	31	76
Hayward	1,219	752	467	61	2	59	66	19	47
Livermore	381	230	151	47	7	40	36	6	30
Newark	278	157	121	31	-	31	16	4	12
Oakland	3,088	930	2,158	166	1	165	188	18	170
Piedmont	11	7	4	2	-	2	1	1	-
Pleasanton	410	309	101	33	2	31	26	7	19
San Leandro	569	370	199	24	1	23	29	10	19
Union City	237	134	103	13	-	13	15	1	14
CITY ROADWAYS	9,613	5,126	4,487	707	41	666	675	148	527
Uninc. State Highways	840	646	194	3	-	3	21	9	12
County Roadways	801	544	257	51	8	43	63	16	47
UNINC. ROADWAYS	1,641	1,190	451	54	8	46	84	25	59
COUNTY TOTAL	11,254	6,316	4,938	761	49	712	759	173	586
ALPINE									
CITY ROADWAYS	-	-	-	-	-	-	-	-	-
Uninc. State Highways	13	13	-	3	3	-	8	6	2
County Roadways	9	4	5	-	-	-	1	-	1
UNINC. ROADWAYS	22	17	5	3	3	-	9	6	3
COUNTY TOTAL	22	17	5	3	3	-	9	6	3
AMADOR									
Amador	-	-	-	-	-	-	-	-	-
Ione	2	-	2	-	-	-	-	-	-
Jackson	20	12	8	1	-	1	1	1	-
Plymouth	-	-	-	-	-	-	-	-	-
Sutter Creek	8	-	8	-	-	-	1	-	1
CITY ROADWAYS	30	12	18	1	-	1	2	1	1
Uninc. State Highways	192	119	73	-	-	-	7	4	3
County Roadways	71	38	33	3	1	2	6	2	4
UNINC. ROADWAYS	263	157	106	3	1	2	13	6	7
COUNTY TOTAL	293	169	124	4	1	3	15	7	8
BUTTE									
Biggs	2	-	2	-	-	-	-	-	-
Chico	563	348	215	108	3	105	64	12	52
Gridley	39	17	22	2	-	2	1	1	-
Oroville	109	62	47	7	-	7	10	1	9
Paradise	119	45	74	8	-	8	9	4	5
CITY ROADWAYS	832	472	360	125	3	122	84	18	66
Uninc. State Highways	253	162	91	2	-	2	8	4	4
County Roadways	607	269	338	32	3	29	39	15	24

^{1/} See Glossary for definition.

* Safety equipment not stated is included in not used.

TABLE 8N (Cont'd) PERSONS KILLED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS KILLED								
	Vehicle Occupant ^{1/}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
BUTTE (cont'd)									
UNINC. ROADWAYS	24	6	18	1	-	1	2	1	1
COUNTY TOTAL	28	6	22	2	-	2	4	2	2
CALAVERAS									
Angels Camp	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	-	-	-	-	-	-	-	-	-
Uninc. State Highways	3	1	2	-	-	-	2	1	1
County Roadways	3	-	3	-	-	-	3	-	3
UNINC. ROADWAYS	6	1	5	-	-	-	5	1	4
COUNTY TOTAL	6	1	5	-	-	-	5	1	4
COLUSA									
Colusa	-	-	-	-	-	-	-	-	-
Williams	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	-	-	-	-	-	-	-	-	-
Uninc. State Highways	6	3	3	-	-	-	1	1	-
County Roadways	5	1	4	-	-	-	-	-	-
UNINC. ROADWAYS	11	4	7	-	-	-	1	1	-
COUNTY TOTAL	11	4	7	-	-	-	1	1	-
CONTRA COSTA									
Antioch	5	2	3	-	-	-	2	-	2
Brentwood	-	-	-	-	-	-	-	-	-
Clayton	-	-	-	-	-	-	-	-	-
Concord	3	-	3	-	-	-	4	-	4
Danville	1	-	1	-	-	-	-	-	-
El Cerrito	1	1	-	-	-	-	-	-	-
Hercules	-	-	-	-	-	-	-	-	-
Kensington	-	-	-	-	-	-	-	-	-
Lafayette	-	-	-	1	-	1	-	-	-
Martinez	3	1	2	1	-	1	-	-	-
Moraga	-	-	-	-	-	-	-	-	-
Orinda	-	-	-	-	-	-	-	-	-
Pleasant Hill	-	-	-	-	-	-	-	-	-
Pittsburg	7	-	7	-	-	-	1	-	1
Pleasant Hill	-	-	-	-	-	-	-	-	-
Richmond	6	-	6	-	-	-	-	-	-
San Pablo	1	-	1	-	-	-	-	-	-
San Ramon	2	1	1	-	-	-	1	1	-
Walnut Creek	2	1	1	-	-	-	-	-	-
CITY ROADWAYS	31	6	25	2	-	2	8	1	7
Uninc. State Highways	9	1	8	-	-	-	-	-	-
County Roadways	18	2	16	-	-	-	5	1	4
UNINC. ROADWAYS	27	3	24	-	-	-	5	1	4
COUNTY TOTAL	58	9	49	2	-	2	13	2	11
DEL NORTE									
Crescent City	-	-	-	-	-	-	1	-	1

^{1/} See Glossary for definition.

* Safety equipment not stated is included in not used.

TABLE 8N (Cont'd) PERSONS INJURED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS INJURED								
	Vehicle Occupant ^{1/}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
BUTTE (cont'd)									
UNINC. ROADWAYS	860	431	429	34	3	31	47	19	28
COUNTY TOTAL	1,692	903	789	159	6	153	131	37	94
CALAVERAS									
Angels Camp	6	5	1	-	-	-	1	-	1
CITY ROADWAYS	6	5	1	-	-	-	1	-	1
Uninc. State Highways	227	133	94	2	1	1	23	9	14
County Roadways	151	74	77	4	1	3	29	5	24
UNINC. ROADWAYS	378	207	171	6	2	4	52	14	38
COUNTY TOTAL	384	212	172	6	2	4	53	14	39
COLUSA									
Colusa	16	6	10	3	-	3	-	-	-
Williams	1	1	-	-	-	-	-	-	-
CITY ROADWAYS	17	7	10	3	-	3	-	-	-
Uninc. State Highways	129	78	51	1	-	1	2	2	-
County Roadways	89	40	49	2	-	2	5	-	5
UNINC. ROADWAYS	218	118	100	3	-	3	7	2	5
COUNTY TOTAL	235	125	110	6	-	6	7	2	5
CONTRA COSTA									
Antioch	263	135	128	31	-	31	23	3	20
Brentwood	86	43	43	-	-	-	3	1	2
Clayton	13	7	6	1	-	1	1	-	1
Concord	788	530	258	39	1	38	55	17	38
Danville	95	61	34	14	5	9	7	4	3
El Cerrito	100	62	38	6	2	4	5	2	3
Hercules	62	39	23	-	-	-	1	-	1
Kensington	9	5	4	3	-	3	-	-	-
Lafayette	173	127	46	12	4	8	12	5	7
Martinez	123	84	39	11	1	10	10	2	8
Moraga	15	11	4	6	4	2	-	-	-
Orinda	97	74	23	6	1	5	4	3	1
Pinole	168	108	60	3	-	3	9	1	8
Pittsburg	207	92	115	11	-	11	12	3	9
Pleasant Hill	312	208	104	29	2	27	19	5	14
Richmond	1,146	549	597	47	1	46	58	5	53
San Pablo	218	115	103	21	-	21	20	3	17
San Ramon	127	93	34	9	-	9	10	3	7
Walnut Creek	614	228	386	55	-	55	34	5	29
CITY ROADWAYS	4,616	2,571	2,045	304	21	283	283	62	221
Uninc. State Highways	586	432	154	-	-	-	29	13	16
County Roadways	955	577	378	43	3	40	97	27	70
UNINC. ROADWAYS	1,541	1,009	532	43	3	40	126	40	86
COUNTY TOTAL	6,157	3,580	2,577	347	24	323	409	102	307
DEL NORTE									
Crescent City	25	12	13	3	-	3	1	-	1

^{1/} See Glossary for definition.

* Safety equipment not stated is included in not used.

TABLE 8N (Cont'd) PERSONS KILLED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS KILLED								
	Vehicle Occupant ^{1/2}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
DEL NORTE (cont'd)									
CITY ROADWAYS	-	-	-	-	-	-	1	-	1
Uninc. State Highways	8	5	3	1	-	1	-	-	-
County Roadways	1	-	1	-	-	-	-	-	-
UNINC. ROADWAYS	9	5	4	1	-	1	-	-	-
COUNTY TOTAL	9	5	4	1	-	1	1	-	1
EL DORADO									
Placerville	1	-	1	-	-	-	-	-	-
South Lake Tahoe	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	1	-	1	-	-	-	-	-	-
Uninc. State Highways	14	3	11	-	-	-	-	-	-
County Roadways	8	4	4	-	-	-	1	-	1
UNINC. ROADWAYS	22	7	15	-	-	-	1	-	1
COUNTY TOTAL	23	7	16	-	-	-	1	-	1
FRESNO									
Clovis	-	-	-	-	-	-	-	-	-
Coalinga	-	-	-	-	-	-	-	-	-
Firebaugh	1	-	1	-	-	-	-	-	-
Fowler	1	-	1	-	-	-	-	-	-
Fresno	26	5	21	1	-	1	8	1	7
Huron	-	-	-	-	-	-	-	-	-
Kerman	-	-	-	-	-	-	-	-	-
Kingsburg	1	1	-	-	-	-	-	-	-
Mendota	-	-	-	-	-	-	-	-	-
Orange Cove	2	1	1	-	-	-	-	-	-
Parlier	-	-	-	-	-	-	-	-	-
Reedley	-	-	-	-	-	-	-	-	-
Sanger	-	-	-	-	-	-	-	-	-
San Joaquin	-	-	-	-	-	-	-	-	-
Selma	1	-	1	-	-	-	1	-	1
CITY ROADWAYS	32	7	25	1	-	1	9	1	8
Uninc. State Highways	47	10	37	2	-	2	-	-	-
County Roadways	46	9	37	3	-	3	3	-	3
UNINC. ROADWAYS	93	19	74	5	-	5	3	-	3
COUNTY TOTAL	125	26	99	6	-	6	12	1	11
GLENN									
Orland	-	-	-	1	-	1	-	-	-
Willows	1	1	-	-	-	-	-	-	-
CITY ROADWAYS	1	1	-	1	-	1	-	-	-
Uninc. State Highways	3	1	2	-	-	-	-	-	-
County Roadways	4	1	3	-	-	-	1	-	1
UNINC. ROADWAYS	7	2	5	-	-	-	1	-	1
COUNTY TOTAL	8	3	5	1	-	1	1	-	1

^{1/2} See Glossary for definition.

* Safety equipment not stated is included in not used.

TABLE 8N (Cont'd) PERSONS INJURED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS INJURED								
	Vehicle Occupant ^{1/}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
DEL NORTE (cont'd)									
CITY ROADWAYS	25	12	13	3	-	3	1	-	1
Uninc. State Highways	154	81	73	2	1	1	5	3	2
County Roadways	131	63	68	1	-	1	10	5	5
UNINC. ROADWAYS	285	144	141	3	1	2	15	8	7
COUNTY TOTAL	310	156	154	6	1	5	16	8	8
EL DORADO									
Placerville	109	63	46	4	1	3	6	-	6
South Lake Tahoe	162	100	62	37	1	36	25	2	23
CITY ROADWAYS	271	163	108	41	2	39	31	2	29
Uninc. State Highways	513	346	167	2	1	1	27	15	12
County Roadways	620	386	234	18	3	15	48	12	36
UNINC. ROADWAYS	1,133	732	401	20	4	16	75	27	48
COUNTY TOTAL	1,404	895	509	61	6	55	106	29	77
FRESNO									
Clovis	252	147	105	20	-	20	17	3	14
Coalinga	34	11	23	10	-	10	-	-	-
Firebaugh	10	1	9	2	-	2	2	-	2
Fowler	36	7	29	1	-	1	-	-	-
Fresno	4,771	2,865	1,906	203	3	200	265	28	237
Huron	-	-	-	-	-	-	-	-	-
Kerman	25	8	17	1	-	1	1	-	1
Kingsburg	31	15	16	-	-	-	4	-	4
Mendota	7	2	5	-	-	-	-	-	-
Orange Cove	15	3	12	-	-	-	-	-	-
Parlier	12	3	9	1	-	1	-	-	-
Reedley	78	41	37	11	-	11	1	-	1
Sanger	72	30	42	2	-	2	6	-	6
San Joaquin	5	-	5	-	-	-	-	-	-
Selma	85	40	45	3	-	3	6	1	5
CITY ROADWAYS	5,433	3,173	2,260	254	3	251	302	32	270
Uninc. State Highways	1,094	611	483	2	-	2	33	14	19
County Roadways	1,877	981	896	34	3	31	90	23	67
UNINC. ROADWAYS	2,971	1,592	1,379	36	3	33	123	37	86
COUNTY TOTAL	8,404	4,765	3,639	290	6	284	425	69	356
GLENN									
Orland	21	7	14	5	-	5	-	-	-
Willows	22	2	20	1	-	1	1	-	1
CITY ROADWAYS	43	9	34	6	-	6	1	-	1
Uninc. State Highways	114	68	46	-	-	-	3	1	2
County Roadways	95	48	47	1	-	1	5	-	5
UNINC. ROADWAYS	209	116	93	1	-	1	8	1	7
COUNTY TOTAL	252	125	127	7	-	7	9	1	8

^{1/} See Glossary for definition.

* Safety equipment not stated is included in not used.

TABLE 8N (Cont'd) PERSONS KILLED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS KILLED								
	Vehicle Occupant ^{1/}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
HUMBOLDT									
Arcata	1	-	1	-	-	-	-	-	-
Blue Lake	-	-	-	-	-	-	-	-	-
Eureka	-	-	-	-	-	-	1	1	-
Ferndale	-	-	-	-	-	-	-	-	-
Fortuna	-	-	-	-	-	-	1	-	1
Rio Dell	-	-	-	-	-	-	-	-	-
Trinidad	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	1	-	1	-	-	-	2	1	1
Uninc. State Highways	12	3	9	-	-	-	2	1	1
County Roadways	1	-	1	1	-	1	1	-	1
UNINC. ROADWAYS	13	3	10	1	-	1	3	1	2
COUNTY TOTAL	14	3	11	1	-	1	5	2	3
IMPERIAL									
Brawley	-	-	-	-	-	-	-	-	-
Calexico	-	-	-	-	-	-	-	-	-
Callpatria	-	-	-	-	-	-	1	-	1
El Centro	-	-	-	-	-	-	1	-	1
Holtville	-	-	-	-	-	-	-	-	-
Imperial	-	-	-	-	-	-	-	-	-
Westmorland	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	-	-	-	-	-	-	2	-	2
Uninc. State Highways	39	3	36	-	-	-	1	1	-
County Roadways	19	6	13	-	-	-	1	-	1
UNINC. ROADWAYS	58	9	49	-	-	-	2	1	1
COUNTY TOTAL	58	9	49	-	-	-	4	1	3
INYO									
Bishop	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	-	-	-	-	-	-	-	-	-
Uninc. State Highways	14	1	13	-	-	-	2	2	-
County Roadways	-	-	-	-	-	-	-	-	-
UNINC. ROADWAYS	14	1	13	-	-	-	2	2	-
COUNTY TOTAL	14	1	13	-	-	-	2	2	-
KERN									
Arvin	1	-	1	-	-	-	-	-	-
Bakersfield	14	2	12	-	-	-	4	-	4
Bear Valley Springs	-	-	-	-	-	-	-	-	-
California City	1	-	1	-	-	-	-	-	-
China Lake	-	-	-	-	-	-	-	-	-
Delano	1	1	-	-	-	-	-	-	-
Maricopa	-	-	-	-	-	-	-	-	-
McFarland	-	-	-	-	-	-	-	-	-
Ridgecrest	1	1	-	-	-	-	-	-	-
Shafter	-	-	-	-	-	-	-	-	-
Taft	-	-	-	-	-	-	-	-	-
Tehachapi	-	-	-	-	-	-	-	-	-
Wasco	1	-	1	-	-	-	-	-	-

^{1/} See Glossary for definition.

* Safety equipment not stated is included in not used.

TABLE 8N (Cont'd) PERSONS INJURED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS INJURED								
	Vehicle Occupant ^{1/}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
HUMBOLDT									
Arcata	68	39	29	24	2	22	10	-	10
Blue Lake	-	-	-	-	-	-	-	-	-
Eureka	368	234	134	42	1	41	21	8	13
Ferndale	2	2	-	-	-	-	1	-	1
Fortuna	21	3	18	3	-	3	4	1	3
Rio Dell	-	-	-	-	-	-	-	-	-
Trinidad	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	459	278	181	69	3	66	36	9	27
Uninc. State Highways	324	207	117	3	2	1	12	5	7
County Roadways	233	127	106	15	4	11	20	8	12
UNINC. ROADWAYS	557	334	223	18	6	12	32	13	19
COUNTY TOTAL	1,016	612	404	87	9	78	68	22	46
IMPERIAL									
Brawley	144	66	78	13	-	13	9	1	8
Calexico	50	17	33	3	-	3	10	-	10
Calipatria	2	1	1	1	-	1	2	2	-
El Centro	219	87	132	29	1	28	24	1	23
Holtville	-	-	-	1	-	1	1	-	1
Imperial	-	-	-	-	-	-	-	-	-
Westmorland	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	415	171	244	47	1	46	46	4	42
Uninc. State Highways	594	330	264	-	-	-	13	2	11
County Roadways	337	197	140	3	-	3	15	2	13
UNINC. ROADWAYS	931	527	404	3	-	3	28	4	24
COUNTY TOTAL	1,346	698	648	50	1	49	74	8	66
INYO									
Bishop	31	7	24	9	-	9	-	-	-
CITY ROADWAYS	31	7	24	9	-	9	-	-	-
Uninc. State Highways	211	126	85	3	-	3	6	3	3
County Roadways	56	20	36	1	-	1	6	1	5
UNINC. ROADWAYS	267	146	121	4	-	4	12	4	8
COUNTY TOTAL	298	153	145	13	-	13	12	4	8
KERN									
Arvin	20	3	17	4	-	4	1	-	1
Bakersfield	1,410	945	465	82	5	77	108	32	76
Bear Valley Springs	20	10	10	1	-	1	3	-	3
California City	10	7	3	-	-	-	4	2	2
China Lake	15	12	3	-	-	-	1	1	-
Delano	135	33	102	8	-	8	11	-	11
Maricopa	2	-	2	-	-	-	-	-	-
McFarland	2	2	-	-	-	-	-	-	-
Ridgecrest	101	50	51	18	2	16	19	5	14
Shafter	13	5	8	4	-	4	1	1	-
Taft	38	28	10	4	-	4	3	-	3
Tehachapi	24	13	11	3	-	3	1	-	1
Wasco	22	6	16	1	-	1	1	-	1

^{1/} See Glossary for definition.

* Safety equipment not stated is included in not used.

TABLE 8N (Cont'd) PERSONS KILLED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS KILLED								
	Vehicle Occupant ^{1/}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
KERN (cont'd)									
CITY ROADWAYS	19	4	15	-	-	-	4	-	4
Uninc. State Highways	72	18	54	-	-	-	4	3	1
County Roadways	39	9	30	1	-	1	6	1	5
UNINC. ROADWAYS	111	27	84	1	-	1	10	4	6
COUNTY TOTAL	130	31	99	1	-	1	14	4	10
KINGS									
Avenal	2	1	1	-	-	-	-	-	-
Corcoran	-	-	-	-	-	-	-	-	-
Hanford	-	-	-	1	-	1	-	-	-
Lemoore	-	-	-	-	-	-	1	-	1
CITY ROADWAYS	2	1	1	1	-	1	1	-	1
Uninc. State Highways	25	6	19	-	-	-	1	-	1
County Roadways	13	4	9	-	-	-	-	-	-
UNINC. ROADWAYS	38	10	28	-	-	-	1	-	1
COUNTY TOTAL	40	11	29	1	-	1	2	-	2
LAKE									
Clearlake	3	-	3	-	-	-	1	-	1
Lakeport	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	3	-	3	-	-	-	1	-	1
Uninc. State Highways	8	2	6	-	-	-	-	-	-
County Roadways	4	-	4	-	-	-	-	-	-
UNINC. ROADWAYS	12	2	10	-	-	-	-	-	-
COUNTY TOTAL	15	2	13	-	-	-	1	-	1
LASSEN									
Susanville	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	-	-	-	-	-	-	-	-	-
Uninc. State Highways	11	5	6	-	-	-	1	1	-
County Roadways	1	-	1	-	-	-	-	-	-
UNINC. ROADWAYS	12	5	7	-	-	-	1	1	-
COUNTY TOTAL	12	5	7	-	-	-	1	1	-
LOS ANGELES									
Alhambra	2	-	2	-	-	-	1	-	1
Agoura	2	-	2	-	-	-	-	-	-
Arcadia	2	2	-	-	-	-	-	-	-
Artesia	1	-	1	-	-	-	-	-	-
Avalon	-	-	-	-	-	-	-	-	-
Azusa	1	-	1	-	-	-	1	-	1
Baldwin Park	6	2	4	-	-	-	-	-	-
Bell	1	-	1	-	-	-	2	-	2
Bellflower	9	1	8	-	-	-	1	-	1
Bell Gardens	1	-	1	1	-	1	-	-	-
Beverly Hills	-	-	-	-	-	-	-	-	-

^{1/} See Glossary for definition.

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TABLE 8N (Cont'd) PERSONS INJURED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS INJURED								
	Vehicle Occupant ^{1/}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
KERN (cont'd)									
CITY ROADWAYS	1,812	1,114	698	125	7	118	153	41	112
Uninc. State Highways	1,532	893	639	9	1	8	43	15	28
County Roadways	1,778	883	895	65	1	64	156	32	124
UNINC. ROADWAYS	1,510	1,776	1,534	74	2	72	199	47	152
COUNTY TOTAL	5,122	2,890	2,232	199	9	190	352	88	264
KINGS									
Avenal	16	7	9	3	-	3	-	-	-
Corcoran	35	7	28	8	-	8	3	-	3
Hanford	136	55	81	21	-	21	18	1	17
Lemoore	49	35	14	1	1	-	6	3	3
CITY ROADWAYS	236	104	132	33	1	32	27	4	23
Uninc. State Highways	339	232	107	-	-	-	8	4	4
County Roadways	280	140	140	5	2	3	16	2	14
UNINC. ROADWAYS	619	372	247	5	2	3	24	6	18
COUNTY TOTAL	855	476	379	38	3	35	51	10	41
LAKE									
Clearlake	84	20	64	3	-	3	8	-	8
Lakeport	20	9	11	6	-	6	1	-	1
CITY ROADWAYS	104	29	75	9	-	9	9	-	9
Uninc. State Highways	267	152	115	2	-	2	17	3	14
County Roadways	161	74	87	4	-	4	15	1	14
UNINC. ROADWAYS	428	226	202	6	-	6	32	4	28
COUNTY TOTAL	532	255	277	15	-	15	41	4	37
LASSEN									
Susanville	37	19	18	5	-	5	1	1	-
CITY ROADWAYS	37	19	18	5	-	5	1	1	-
Uninc. State Highways	230	149	81	-	-	-	6	6	-
County Roadways	54	31	23	4	-	4	7	5	2
UNINC. ROADWAYS	284	180	104	4	-	4	13	11	2
COUNTY TOTAL	32	199	122	9	-	9	14	12	2
LOS ANGELES									
Alhambra	565	284	281	29	-	29	27	3	24
Agoura	74	49	25	4	-	4	5	1	4
Arcadia	539	347	192	49	1	48	24	6	18
Artesia	194	142	52	21	2	19	11	3	8
Avalon	2	-	2	1	-	1	5	-	5
Azusa	458	271	187	30	2	28	40	9	31
Baldwin Park	626	367	259	42	-	42	38	6	32
Bell	342	145	197	11	-	11	18	7	11
Bellflower	675	456	219	32	-	32	52	10	42
Bell Gardens	249	111	138	36	-	36	27	4	23
Beverly Hills	439	297	142	27	2	25	39	6	33

^{1/} See Glossary for definition.

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TABLE 8N (Cont'd) PERSONS KILLED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS KILLED								
	Vehicle Occupant ^{1/}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
LOS ANGELES (cont'd)									
Bradbury	-	-	-	-	-	-	-	-	-
Burbank	3	1	2	-	-	-	3	-	3
Carson	4	1	3	-	-	-	3	1	2
Cerritos	4	1	3	-	-	-	2	2	-
Claremont	5	1	4	-	-	-	-	-	-
Commerce	3	2	1	-	-	-	1	-	1
Compton	6	-	6	1	-	1	2	-	2
Covina	-	-	-	-	-	-	-	-	-
Cudahy	-	-	-	-	-	-	-	-	-
Culver City	1	-	1	-	-	-	-	-	-
Diamond Bar(4/89)	1	-	1	-	-	-	-	-	-
Downey	1	-	1	-	-	-	2	-	2
Duarte	1	1	-	-	-	-	-	-	-
El Monte	6	1	5	-	-	-	1	-	1
El Segundo	-	-	-	-	-	-	2	1	1
Gardena	1	-	1	-	-	-	-	-	-
Glendale	3	1	2	1	-	1	1	-	1
Glendora	2	1	1	1	-	1	1	-	1
Hawallan Gardens	-	-	-	-	-	-	-	-	-
Hawthorne	2	-	2	-	-	-	3	-	3
Hermosa Beach	-	-	-	-	-	-	1	-	1
Hidden Hills	-	-	-	-	-	-	-	-	-
Huntington Park	2	-	2	-	-	-	-	-	-
Industry	5	2	3	-	-	-	1	-	1
Inglewood	3	1	2	-	-	-	3	-	3
Irwindale	5	1	4	-	-	-	1	1	-
La Canada/Flintridge	-	-	-	-	-	-	-	-	-
La Habra Heights	-	-	-	-	-	-	-	-	-
Lakewood	2	1	1	2	-	2	-	-	-
La Mirada	1	-	1	1	-	1	1	1	-
Lancaster	12	4	8	1	-	1	1	-	1
La Puente	2	-	2	-	-	-	-	-	-
La Verne	1	-	1	-	-	-	-	-	-
Lawndale	1	-	1	-	-	-	-	-	-
Lomita	3	2	1	-	-	-	-	-	-
Long Beach	25	5	20	1	1	-	17	2	15
Los Angeles	240	15	225	4	-	4	50	4	46
Lynwood	3	-	3	-	-	-	-	-	-
Manhattan Beach	1	-	1	1	-	1	2	-	2
Maywood	-	-	-	-	-	-	1	-	1
Monrovia	-	-	-	-	-	-	-	-	-
Montebello	1	-	1	-	-	-	1	-	1
Monterey Park	5	1	4	-	-	-	-	-	-
Norwalk	4	-	4	2	-	2	-	-	-
Palmdale	8	2	6	2	-	2	1	-	1
Palos Verdes Estates	1	-	1	-	-	-	1	-	1
Paramount	2	-	2	-	-	-	-	-	-
Pasadena	12	1	11	-	-	-	1	-	1
Pico Rivera	5	-	5	1	-	1	1	-	1
Pomona	18	5	13	1	-	1	5	-	5
Rancho Palos Verdes	-	-	-	-	-	-	1	-	1
Redondo Beach	3	2	1	-	-	-	2	1	1
Rolling Hills	-	-	-	-	-	-	-	-	-
Rolling Hills Estates	2	-	2	-	-	-	-	-	-

^{1/} See Glossary for definition.

* Safety equipment not stated is included in not used.

TABLE 8N (Cont'd) PERSONS INJURED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS INJURED								
	Vehicle Occupant ^{1/}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
LOS ANGELES (cont'd)									
Bradbury	2	2	-	-	-	-	-	-	-
Burbank	832	548	284	43	4	39	33	9	24
Carson	789	446	343	36	1	35	38	17	21
Cerritos	542	397	145	32	1	31	27	13	14
Claremont	293	204	89	24	2	22	16	6	10
Commerce	583	395	188	6	-	6	21	6	15
Compton	942	352	590	48	-	48	42	3	39
Covina	298	193	105	33	-	33	30	4	26
Cudahy	78	24	54	10	-	10	5	-	5
Culver City	442	304	138	25	-	25	32	12	20
Diamond Bar(4/89)	391	278	113	9	-	9	30	14	16
Downey	761	478	283	63	2	61	39	12	27
Duarte	110	65	45	14	-	14	6	1	5
El Monte	1,200	718	482	101	2	99	54	17	37
El Segundo	126	71	55	11	-	11	18	7	11
Gardena	530	336	194	30	2	28	22	12	10
Glendale	1,060	133	927	115	-	115	81	3	78
Glendora	274	173	101	36	2	34	25	4	21
Hawaiian Gardens	79	51	28	9	-	9	4	1	3
Hawthorne	594	284	310	48	-	48	56	13	43
Hermosa Beach	131	82	49	18	-	18	13	2	11
Hidden Hills	-	-	-	1	1	-	-	-	-
Huntington Park	492	139	353	46	1	45	20	1	19
Industry	479	307	172	8	-	8	25	6	19
Inglewood	873	503	370	45	1	44	58	15	43
Irwindale	317	160	157	2	-	2	14	4	10
La Canada/Flintridge	83	59	24	11	1	10	3	1	2
La Habra Heights	69	31	38	1	-	1	10	3	7
Lakewood	614	401	213	38	1	37	29	7	22
La Mirada	216	128	88	19	1	18	17	8	9
Lancaster	903	585	318	35	4	31	63	18	45
La Puente	257	133	124	9	-	9	12	2	10
La Verne	196	115	81	20	4	16	6	-	6
Lawndale	298	171	127	28	-	28	26	11	15
Lomita	100	73	27	12	1	11	11	1	10
Long Beach	3,622	1,825	1,797	246	10	236	295	43	252
Los Angeles	50,046	4,593	45,453	1,741	-	1,741	2,387	150	2,237
Lynwood	506	234	272	16	-	16	31	6	25
Manhattan Beach	185	105	80	22	1	21	19	8	11
Maywood	100	42	58	11	-	11	10	3	7
Monrovia	403	233	170	21	-	21	22	4	18
Montebello	679	461	218	31	2	29	23	4	19
Monterey Park	493	316	177	20	-	20	20	2	18
Norwalk	842	466	376	48	3	45	65	11	54
Palmdale	444	271	173	15	3	12	31	8	23
Palos Verdes Estates	24	8	16	10	5	5	3	1	2
Paramount	428	268	160	33	-	33	33	3	30
Pasadena	1,407	800	607	73	2	71	87	19	68
Pico Rivera	320	157	163	19	-	19	24	3	21
Pomona	1,742	1,064	678	71	2	69	110	33	77
Rancho Palos Verdes	138	87	51	18	6	12	10	2	8
Redondo Beach	537	343	194	70	8	62	69	24	45
Rolling Hills	8	5	3	-	-	-	-	-	-
Rolling Hills Estates	74	49	25	2	-	2	-	-	-

^{1/} See Glossary for definition.

* Safety equipment not stated is included in not used.

TABLE 8N (Cont'd) PERSONS KILLED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS KILLED								
	Vehicle Occupant ^{1/}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
LOS ANGELES (cont'd)									
Rosemead	1	-	1	-	-	-	1	-	1
San Dimas	5	-	5	-	-	-	2	-	2
San Fernando	-	-	-	-	-	-	-	-	-
San Gabriel	1	1	-	-	-	-	1	-	1
San Marino	-	-	-	-	-	-	-	-	-
Santa Clarita	6	2	4	1	-	1	3	2	1
Santa Fe Springs	6	-	6	-	-	-	2	-	2
Santa Monica	2	1	1	-	-	-	-	-	-
Sierra Madre	-	-	-	-	-	-	-	-	-
Signal Hill	-	-	-	-	-	-	-	-	-
South El Monte	-	-	-	-	-	-	-	-	-
South Gate	-	-	-	1	-	1	1	-	1
South Pasadena	1	-	1	-	-	-	-	-	-
Temple City	-	-	-	1	-	1	-	-	-
Torrance	6	-	6	-	-	-	1	-	1
Vernon	1	1	-	-	-	-	-	-	-
Walnut	1	1	-	-	-	-	-	-	-
West Covina	8	2	6	-	-	-	3	-	3
West Hollywood	-	-	-	-	-	-	1	-	1
Westlake Village	1	-	1	-	-	-	-	-	-
Whittier	-	-	-	-	-	-	1	-	1
CITY ROADWAYS	474	65	409	23	1	22	133	15	118
Uninc. State Highways	68	11	57	1	-	1	11	4	7
County Roadways	87	17	70	4	-	4	20	6	14
UNINC. ROADWAYS	155	28	127	5	-	5	31	10	21
COUNTY TOTAL	629	93	536	28	1	27	164	25	139
MADERA									
Chowchilla	-	-	-	-	-	-	-	-	-
Madera	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	-	-	-	-	-	-	-	-	-
Uninc. State Highways	30	5	25	-	-	-	3	1	2
County Roadways	11	2	9	-	-	-	3	-	3
UNINC. ROADWAYS	41	7	34	-	-	-	6	1	5
COUNTY TOTAL	41	7	34	-	-	-	6	1	5
MARIN									
Belvedere	-	-	-	-	-	-	-	-	-
Corte Madera	-	-	-	1	-	1	-	-	-
Fairfax	-	-	-	-	-	-	-	-	-
Larkspur	1	-	1	-	-	-	-	-	-
Mill Valley	-	-	-	-	-	-	-	-	-
Novato	3	2	1	-	-	-	-	-	-
Ross	-	-	-	-	-	-	-	-	-
San Anselmo	-	-	-	-	-	-	-	-	-
San Rafael	2	-	2	-	-	-	1	-	1
Sausalito	-	-	-	-	-	-	-	-	-
Tiburon	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	6	2	4	1	-	1	1	-	1
Uninc. State Highways	7	2	5	-	-	-	3	2	1
County Roadways	4	-	4	-	-	-	3	1	2

^{1/} See Glossary for definition.

* Safety equipment not stated is included in not used.

TABLE 8N (Cont'd) PERSONS INJURED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS INJURED								
	Vehicle Occupant ^{1/}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
LOS ANGELES (cont'd)									
Rosemead	456	245	211	30	-	30	32	7	25
San Dimas	285	177	108	7	-	7	4	1	3
San Fernando	148	56	92	9	-	9	5	-	5
San Gabriel	310	205	105	24	-	24	20	5	15
San Marino	128	80	48	10	2	8	4	-	4
Santa Clarita	979	669	310	54	2	52	78	22	56
Santa Fe Springs	427	253	174	17	-	17	21	4	17
Santa Monica	577	341	236	61	6	55	74	14	60
Sierra Madre	10	3	7	2	-	2	6	1	5
Signal Hill	172	114	58	9	-	9	16	6	10
South El Monte	269	111	158	18	-	18	10	-	10
South Gate	483	226	257	40	-	40	43	9	34
South Pasadena	77	50	27	9	2	7	3	2	1
Temple City	161	77	84	17	-	17	6	1	5
Torrance	1,001	598	403	68	5	63	91	25	66
Vernon	282	173	109	14	-	14	7	1	6
Walnut	90	56	34	9	1	8	9	3	6
West Covina	872	593	279	45	1	44	57	17	40
West Hollywood	336	250	86	22	2	20	50	6	44
Westlake Village	26	20	6	2	1	1	2	-	2
Whittier	483	300	183	41	2	39	43	10	33
CITY ROADWAYS	88,687	26,732	61,955	4,243	104	4,139	4,992	746	4,246
Uninc. State Highways	3,405	2,240	1,165	27	6	21	222	105	117
County Roadways	6,977	4,141	2,836	428	25	403	470	139	331
UNINC. ROADWAYS	10,382	6,381	4,001	455	31	424	692	244	448
COUNTY TOTAL	99,069	33,113	65,956	4,698	135	4,563	5,684	990	4,694
MADERA									
Chowchilla	36	7	29	4	-	4	2	-	2
Madera	149	74	75	26	1	25	14	-	14
CITY ROADWAYS	185	81	104	30	1	29	16	-	16
Uninc. State Highways	437	262	175	-	-	-	7	2	5
County Roadways	356	178	178	7	2	5	20	1	19
UNINC. ROADWAYS	793	440	353	7	2	5	27	3	24
COUNTY TOTAL	978	521	457	37	3	34	43	3	40
MARIN									
Belvedere	4	2	2	3	-	3	-	-	-
Corte Madera	59	45	14	12	4	8	7	1	6
Fairfax	12	7	5	6	1	5	4	2	2
Larkspur	81	60	21	4	-	4	8	4	4
Mill Valley	43	21	22	5	1	4	2	1	1
Novato	205	120	85	36	2	34	15	4	11
Ross	7	2	5	3	-	3	-	-	-
San Anselmo	29	8	21	10	-	10	2	-	2
San Rafael	337	159	178	24	-	24	24	7	17
Sausalito	57	29	28	25	4	21	7	3	4
Tiburon	16	11	5	3	1	2	-	-	-
CITY ROADWAYS	850	464	386	131	13	118	69	22	47
Uninc. State Highways	328	246	82	3	1	2	33	15	18
County Roadways	290	165	125	32	14	18	34	17	17

^{1/} See Glossary for definition.

* Safety equipment not stated is included in not used.

TABLE 8N (Cont'd) PERSONS KILLED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS KILLED								
	Vehicle Occupant ^{1/}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
MARIN (cont'd)									
UNINC. ROADWAYS	11	2	9	-	-	-	6	3	3
COUNTY TOTAL	17	4	13	1	-	1	7	3	4
MARIPOSA									
CITY ROADWAYS	-	-	-	-	-	-	-	-	-
Uninc. State Highways	2	-	2	-	-	-	1	-	1
County Roadways	-	-	-	-	-	-	1	-	1
UNINC. ROADWAYS	2	-	2	-	-	-	2	-	2
COUNTY TOTAL	2	-	2	-	-	-	2	-	2
MENDOCINO									
Fort Bragg	1	-	1	-	-	-	1	-	1
Point Arena	-	-	-	-	-	-	-	-	-
Ukiah	-	-	-	-	-	-	-	-	-
Willits	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	1	-	1	-	-	-	1	-	1
Uninc. State Highways	16	6	10	-	-	-	1	-	1
County Roadways	7	4	3	-	-	-	-	-	-
UNINC. ROADWAYS	23	10	13	-	-	-	1	-	1
COUNTY TOTAL	24	10	14	-	-	-	2	-	2
MERCED									
Atwater	-	-	-	-	-	-	-	-	-
Dos Palos	-	-	-	-	-	-	-	-	-
Gustine	-	-	-	-	-	-	-	-	-
Livingston	-	-	-	-	-	-	1	-	1
Los Banos	-	-	-	-	-	-	-	-	-
Merced	3	1	2	-	-	-	-	-	-
CITY ROADWAYS	3	1	2	-	-	-	1	-	1
Uninc. State Highways	41	6	35	-	-	-	-	-	-
County Roadways	25	5	20	1	-	1	3	1	2
UNINC. ROADWAYS	66	11	55	1	-	1	3	1	2
COUNTY TOTAL	69	12	57	1	-	1	4	1	3
MODOC									
Alturas	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	-	-	-	-	-	-	-	-	-
Uninc. State Highways	2	-	2	-	-	-	-	-	-
County Roadways	2	-	2	-	-	-	1	1	-
UNINC. ROADWAYS	4	-	4	-	-	-	1	1	-
COUNTY TOTAL	4	-	4	-	-	-	1	1	-
MONO									
Mammoth Lakes	1	-	1	-	-	-	-	-	-

^{1/} See Glossary for definition.

* Safety equipment not stated is included in not used.

TABLE 8N (Cont'd) PERSONS INJURED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS INJURED								
	Vehicle Occupant ^{1/}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
MARIN (cont'd)									
UNINC. ROADWAYS	618	411	207	35	15	20	67	32	35
COUNTY TOTAL	1,468	875	593	166	28	138	136	54	82
MARIPOSA									
CITY ROADWAYS	-	-	-	-	-	-	-	-	-
Uninc. State Highways	95	57	38	-	-	-	7	4	3
County Roadways	82	28	54	1	-	1	5	-	5
UNINC. ROADWAYS	177	85	92	1	-	1	12	4	8
COUNTY TOTAL	177	85	92	1	-	1	12	4	8
MENDOCINO									
Fort Bragg	45	27	18	5	-	5	2	-	2
Point Arena	-	-	-	-	-	-	-	-	-
Ukiah	93	55	38	15	-	15	5	1	4
Willits	44	11	33	3	-	3	10	-	10
CITY ROADWAYS	182	93	89	23	-	23	17	1	16
Uninc. State Highways	469	318	151	4	1	3	27	10	17
County Roadways	283	121	162	9	-	9	21	4	17
UNINC. ROADWAYS	752	439	313	13	1	12	48	14	34
COUNTY TOTAL	934	532	402	36	1	35	65	15	50
MERCED									
Atwater	111	40	71	10	1	9	4	1	3
Dos Palos	9	1	8	2	-	2	-	-	-
Gustine	6	2	4	2	-	2	2	-	2
Livingston	47	24	23	1	-	1	1	-	1
Los Banos	168	74	94	8	-	8	7	-	7
Merced	617	408	209	52	1	51	31	6	25
CITY ROADWAYS	958	549	409	75	2	73	45	7	38
Uninc. State Highways	787	460	327	3	-	3	22	9	13
County Roadways	466	219	247	21	1	20	17	5	12
UNINC. ROADWAYS	1,253	679	574	24	1	23	39	14	25
COUNTY TOTAL	2,211	1,228	983	99	3	96	84	21	63
MODOC									
Alturas	1	-	1	-	-	-	-	-	-
CITY ROADWAYS	1	-	1	-	-	-	-	-	-
Uninc. State Highways	40	17	23	-	-	-	1	-	1
County Roadways	62	25	37	-	-	-	2	-	2
UNINC. ROADWAYS	102	42	60	-	-	-	3	-	3
COUNTY TOTAL	103	42	61	-	-	-	3	-	3
MONO									
Mammoth Lakes	48	26	22	8	2	6	3	1	2

^{1/} See Glossary for definition.

* Safety equipment not stated is included in not used.

TABLE 8N (CONT'd) PERSONS KILLED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS KILLED								
	Vehicle Occupant ^{1/}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
MONO (cont'd)									
CITY ROADWAYS	1	-	1	-	-	-	-	-	-
Uninc. State Highways	6	3	3	-	-	-	-	-	-
County Roadways	-	-	-	-	-	-	-	-	-
UNINC. ROADWAYS	6	3	3	-	-	-	-	-	-
COUNTY TOTAL	7	3	4	-	-	-	-	-	-
MONTEREY									
Carmel	-	-	-	-	-	-	-	-	-
Del Rey Oaks	-	-	-	-	-	-	-	-	-
Gonzales	-	-	-	-	-	-	-	-	-
Greenfield	-	-	-	-	-	-	-	-	-
King City	-	-	-	-	-	-	-	-	-
Marina	-	-	-	-	-	-	-	-	-
Monterey	-	-	-	-	-	-	-	-	-
Pacific Grove	-	-	-	-	-	-	-	-	-
Salinas	1	-	1	-	-	-	2	-	2
Sand City	-	-	-	-	-	-	-	-	-
Seaside	-	-	-	-	-	-	1	-	1
Soledad	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	1	-	1	-	-	-	3	-	3
Uninc. State Highways	41	7	34	1	-	1	3	3	-
County Roadways	21	4	17	1	-	1	1	1	-
UNINC. ROADWAYS	62	11	51	2	-	2	4	4	-
COUNTY TOTAL	63	11	52	2	-	2	7	4	3
NAPA									
Callistoga	-	-	-	-	-	-	-	-	-
Napa	1	-	1	-	-	-	1	-	1
Saint Helena	-	-	-	1	-	1	-	-	-
Yountville	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	1	-	1	1	-	1	1	-	1
Uninc. State Highways	5	2	3	-	-	-	1	-	1
County Roadways	8	3	5	-	-	-	2	-	2
UNINC. ROADWAYS	13	5	8	-	-	-	3	-	3
COUNTY TOTAL	14	5	9	1	-	1	4	-	4
NEVADA									
Grass Valley	-	-	-	-	-	-	1	-	1
Nevada City	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	-	-	-	-	-	-	1	-	1
Uninc. State Highways	15	6	9	-	-	-	1	-	1
County Roadways	3	1	2	-	-	-	2	1	1
UNINC. ROADWAYS	18	7	11	-	-	-	3	1	2
COUNTY TOTAL	18	7	11	-	-	-	4	1	3
ORANGE									
Anaheim	13	3	10	1	-	1	6	3	3

^{1/} See Glossary for definition.

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TABLE 8N (Cont'd) PERSONS INJURED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS INJURED								
	Vehicle Occupant ^{1/}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
MONO (cont'd)									
CITY ROADWAYS	48	26	22	8	2	6	3	1	2
Uninc. State Highways	147	98	49	1	1	-	9	7	2
County Roadways	11	7	4	1	-	1	-	-	-
UNINC. ROADWAYS	158	105	53	2	1	1	9	7	2
COUNTY TOTAL	206	131	75	10	3	7	12	8	4
MONTEREY									
Carmel	49	28	21	1	-	1	5	2	3
Del Rey Oaks	1	-	1	-	-	-	-	-	-
Gonzales	13	3	10	1	-	1	-	-	-
Greenfield	8	-	8	-	-	-	1	-	1
King City	28	18	10	5	-	5	2	1	1
Marina	102	71	31	7	-	7	4	-	4
Monterey	276	194	82	26	7	19	31	9	22
Pacific Grove	49	39	10	14	-	14	3	2	1
Salinas	495	235	260	55	-	55	30	7	23
Sand City	1	1	-	-	-	-	2	1	1
Seaside	186	68	118	21	2	19	21	4	17
Soledad	8	1	7	3	-	3	1	-	1
CITY ROADWAYS	1,216	658	558	133	9	124	100	26	74
Uninc. State Highways	857	531	326	7	5	2	31	15	16
County Roadways	878	490	388	10	1	9	55	27	28
UNINC. ROADWAYS	1,735	1,021	714	17	6	11	86	42	44
COUNTY TOTAL	2,951	1,679	1,272	150	15	135	186	68	118
NAPA									
Callstoga	10	2	8	2	-	2	-	-	-
Napa	514	295	219	57	4	53	41	10	31
Saint Helena	20	15	5	2	-	2	1	-	1
Yountville	2	1	1	-	-	-	-	-	-
CITY ROADWAYS	546	313	233	61	4	57	42	10	32
Uninc. State Highways	420	267	153	4	3	1	31	14	17
County Roadways	328	197	131	14	5	9	33	9	24
UNINC. ROADWAYS	748	464	284	18	8	10	64	23	41
COUNTY TOTAL	1,294	777	517	79	12	67	106	33	73
NEVADA									
Grass Valley	43	22	21	5	-	5	5	1	4
Nevada City	20	10	10	-	-	-	-	-	-
CITY ROADWAYS	63	32	31	5	-	5	5	1	4
Uninc. State Highways	392	229	163	-	-	-	10	6	4
County Roadways	257	128	129	5	-	5	29	5	24
UNINC. ROADWAYS	649	357	292	5	-	5	39	11	28
COUNTY TOTAL	712	389	323	10	-	10	44	12	32
ORANGE									
Anaheim	3,647	2,135	1,512	191	6	185	214	66	148

^{1/} See Glossary for definition.

* Safety equipment not stated is included in not used.

TABLE 8N (Cont'd) PERSONS KILLED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY CITY	VICTIMS KILLED								
	Vehicle Occupant ^{1/}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
ORANGE (cont'd)									
Brea	12	2	10	-	-	-	-	-	-
Buena Park	3	-	3	-	-	-	2	-	2
Costa Mesa	9	3	6	2	-	2	-	-	-
Cypress	-	-	-	-	-	-	1	-	1
Dana Point(1/89)	4	2	2	-	-	-	-	-	-
Fountain Valley	2	1	1	2	-	2	-	-	-
Fullerton	6	4	2	1	-	1	1	1	-
Garden Grove	2	-	2	-	-	-	4	-	4
Huntington Beach	6	2	4	-	-	-	4	-	4
Irvine	10	-	10	-	-	-	1	1	-
Laguna Beach	4	2	2	-	-	-	-	-	-
La Habra	3	1	2	-	-	-	1	-	1
La Palma	-	-	-	-	-	-	1	-	1
Los Alamitos	-	-	-	-	-	-	-	-	-
Mission Viejo	4	-	4	-	-	-	-	-	-
Newport Beach	2	-	2	-	-	-	3	-	3
Orange	6	-	6	-	-	-	3	1	2
Placentia	3	1	2	1	-	1	-	-	-
San Clemente	6	-	6	-	-	-	-	-	-
San Juan Capistrano	2	-	2	-	-	-	2	-	2
Santa Ana	22	3	19	3	-	3	5	2	3
Seal Beach	7	3	4	-	-	-	-	-	-
Stanton	-	-	-	1	-	1	-	-	-
Tustin	3	1	2	1	-	1	-	-	-
Villa Park	-	-	-	-	-	-	-	-	-
Westminster	8	2	6	-	-	-	1	-	1
Yorba Linda	2	-	2	-	-	-	-	-	-
CITY ROADWAYS	139	30	109	12	-	12	35	8	27
Uninc. State Highways	9	3	6	-	-	-	1	1	-
County Roadways	15	4	11	1	-	1	7	1	6
UNINC. ROADWAYS	24	7	17	1	-	1	8	2	6
COUNTY TOTAL	163	37	126	13	-	13	43	10	33
PLACER									
Auburn	-	-	-	-	-	-	-	-	-
Colfax	-	-	-	-	-	-	-	-	-
Lincoln	-	-	-	-	-	-	-	-	-
Loomis	1	-	1	-	-	-	-	-	-
Rocklin	-	-	-	-	-	-	1	-	1
Roseville	2	-	2	-	-	-	3	1	2
CITY ROADWAYS	3	-	3	-	-	-	4	1	3
Uninc. State Highways	25	7	18	1	-	1	2	1	1
County Roadways	12	-	12	-	-	-	4	3	1
UNINC. ROADWAYS	37	7	30	1	-	1	6	4	2
COUNTY TOTAL	40	7	33	1	-	1	10	5	5
PLUMAS									
Portola	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	-	-	-	-	-	-	-	-	-
Uninc. State Highways	10	1	9	-	-	-	-	-	-
County Roadways	-	-	-	-	-	-	-	-	-
UNINC. ROADWAYS	10	1	9	-	-	-	-	-	-

^{1/} See Glossary for definition.

* Safety equipment not stated is included in not used.

TABLE 8N (Cont'd) PERSONS INJURED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS INJURED								
	Vehicle Occupant ^{1/}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
ORANGE (cont'd)									
Brea	321	190	131	23	1	22	16	1	15
Buena Park	752	458	294	43	1	42	29	7	22
Costa Mesa	233	154	79	19	2	17	16	7	9
Cypress	855	494	361	76	2	74	103	15	88
Dana Point(1/89)	258	159	99	48	-	48	20	7	13
Fountain Valley	654	480	174	48	1	47	25	10	15
Fullerton	1,244	867	377	85	2	83	89	23	66
Garden Grove	1,765	1,263	502	100	4	96	105	30	75
Huntington Beach	1,506	958	548	133	12	121	112	31	81
Irvine	1,032	262	770	79	-	79	52	11	41
Laguna Beach	314	217	97	19	2	17	18	2	16
La Habra	528	292	236	35	-	35	25	4	21
La Palma	78	49	29	13	1	12	9	2	7
Los Alamitos	134	93	41	14	1	13	10	3	7
Mission Viejo	558	377	181	14	2	12	29	11	18
Newport Beach	712	509	203	105	22	83	44	11	33
Orange	1,186	756	430	99	4	95	88	34	54
Placentia	355	251	104	47	1	46	12	2	10
San Clemente	255	111	144	22	1	21	32	4	28
San Juan Capistrano	245	135	110	10	-	10	8	2	6
Santa Ana	3,260	2,010	1,250	235	3	232	173	39	134
Seal Beach	350	236	114	13	3	10	17	9	8
Stanton	197	115	82	20	1	19	24	4	20
Tustin	661	480	181	46	5	41	37	20	17
Villa Park	11	8	3	1	-	1	1	-	1
Westminster	952	660	292	89	1	88	68	26	42
Yorba Linda	254	164	90	25	3	22	15	5	10
CITY ROADWAYS	22,317	13,883	8,434	1,652	81	1,571	1,391	386	1,005
Uninc. State Highways	443	313	130	10	8	2	28	12	16
County Roadways	1,574	1,129	445	94	11	83	87	36	51
UNINC. ROADWAYS	2,017	1,442	575	104	19	85	115	48	67
COUNTY TOTAL	24,334	15,325	9,009	1,756	100	1,656	1,506	434	1,072
PLACER									
Auburn	158	106	52	3	-	3	9	5	4
Colfax	2	-	2	-	-	-	-	-	-
Lincoln	27	5	22	5	-	5	3	-	3
Loomis	14	4	10	2	-	2	2	-	2
Rocklin	90	51	39	6	-	6	5	-	5
Roseville	359	223	136	24	1	23	21	5	16
CITY ROADWAYS	650	389	261	40	1	39	40	10	30
Uninc. State Highways	700	467	233	16	8	8	17	7	10
County Roadways	510	294	216	21	4	17	40	10	30
UNINC. ROADWAYS	1,210	761	449	37	12	25	57	17	40
COUNTY TOTAL	1,860	1,150	710	77	13	64	97	27	70
PLUMAS									
Portola	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	-	-	-	-	-	-	-	-	-
Uninc. State Highways	165	105	60	2	-	2	14	6	8
County Roadways	88	45	43	-	-	-	7	4	3
UNINC. ROADWAYS	253	150	103	2	-	2	21	10	11

^{1/} See Glossary for definition.

* Safety equipment not stated is included in not used.

TABLE 8N (Cont'd) PERSONS KILLED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY CITY	VICTIMS KILLED								
	Vehicle Occupant ^{1/}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
PLUMAS (cont'd)									
COUNTY TOTAL	10	1	9	-	-	-	-	-	-
RIVERSIDE									
Banning	4	1	3	-	-	-	-	-	-
Beaumont	2	-	2	-	-	-	-	-	-
Blythe	-	-	-	-	-	-	-	-	-
Cathedral City	5	-	5	-	-	-	2	-	2
Coachella	2	-	2	-	-	-	-	-	-
Corona	17	7	10	-	-	-	1	1	-
Desert Hot Springs	1	-	1	-	-	-	1	-	1
Hemet	2	-	2	2	-	2	-	-	-
Indian Wells	2	1	1	-	-	-	-	-	-
Indio	5	-	5	-	-	-	1	-	1
Lake Elsinore	8	-	8	-	-	-	1	-	1
La Quinta	-	-	-	-	-	-	1	-	1
Moreno Valley	11	4	7	-	-	-	-	-	-
Norco	2	-	2	-	-	-	-	-	-
Palm Desert	1	-	1	-	-	-	-	-	-
Palm Springs	3	-	3	-	-	-	1	-	1
Perris	12	4	8	-	-	-	-	-	-
Rancho Mirage	3	-	3	-	-	-	-	-	-
Riverside	29	4	25	1	-	1	4	2	2
San Jacinto	-	-	-	-	-	-	-	-	-
Temecula(12/89)	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	109	21	88	3	-	3	12	3	9
Uninc. State Highways	113	20	93	1	-	1	5	1	4
County Roadways	87	18	69	5	-	5	18	4	14
UNINC. ROADWAYS	200	38	162	6	-	6	23	5	18
COUNTY TOTAL	309	59	250	9	-	9	35	8	27
SACRAMENTO									
Folsom	4	2	2	-	-	-	-	-	-
Galt	-	-	-	-	-	-	-	-	-
Isleton	1	-	1	-	-	-	-	-	-
Sacramento	33	1	32	-	-	-	9	-	9
CITY ROADWAYS	38	3	35	-	-	-	9	-	9
Uninc. State Highways	20	4	16	-	-	-	1	1	-
County Roadways	44	10	34	3	-	3	13	1	12
UNINC. ROADWAYS	64	14	50	3	-	3	14	2	12
COUNTY TOTAL	102	17	85	3	-	3	23	2	21
SAN BENITO									
Hollister	-	-	-	-	-	-	-	-	-
San Juan Bautista	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	-	-	-	-	-	-	-	-	-
Uninc. State Highways	2	1	1	-	-	-	-	-	-
County Roadways	4	2	2	-	-	-	-	-	-
UNINC. ROADWAYS	6	3	3	-	-	-	-	-	-
COUNTY TOTAL	6	3	3	-	-	-	-	-	-

^{1/} See Glossary for definition.

* Safety equipment not stated is included in not used.

TABLE 8N (Cont'd) PERSONS INJURED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS INJURED								
	Vehicle Occupant ^{1/}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
PLUMAS (cont'd)									
COUNTY TOTAL	253	150	103	2	-	2	21	10	11
RIVERSIDE									
Banning	133	46	87	20	-	20	8	2	6
Beaumont	45	19	26	5	-	5	3	1	2
Blythe	36	-	36	6	-	6	3	-	3
Cathedral City	178	53	125	3	-	3	34	2	32
Coachella	124	38	86	1	-	1	2	-	2
Corona	640	427	213	45	1	44	80	36	44
Desert Hot Springs	35	13	22	3	-	3	10	-	10
Hemet	334	212	122	22	-	22	32	7	25
Indian Wells	33	16	17	1	-	1	2	1	1
Indio	322	138	184	14	-	14	25	2	23
Lake Elsinore	146	70	76	3	-	3	12	1	11
La Quinta	42	24	18	1	1	-	6	1	5
Moreno Valley	521	375	146	49	2	47	37	12	25
Norco	119	58	61	11	2	9	12	1	11
Palm Desert	219	130	89	9	-	9	8	3	5
Palm Springs	327	155	172	22	-	22	36	5	31
Perris	255	126	129	5	-	5	14	3	11
Rancho Mirage	109	66	43	1	-	1	8	3	5
Riverside	3,309	1,359	1,950	136	6	130	203	38	165
San Jacinto	81	47	34	6	-	6	15	4	11
Temecula(12/89)	7	6	1	-	-	-	-	-	-
CITY ROADWAYS	7,015	3,378	3,637	363	12	351	550	122	428
Uninc. State Highways	1,988	1,196	792	12	1	11	107	57	50
County Roadways	2,806	1,625	1,181	114	8	106	247	78	169
UNINC. ROADWAYS	4,794	2,821	1,973	126	9	117	354	135	219
COUNTY TOTAL	11,809	6,199	5,610	489	21	468	904	257	647
SACRAMENTO									
Folsom	133	69	64	13	-	13	12	4	8
Galt	30	16	14	5	-	5	-	-	-
Isleton	-	-	-	-	-	-	-	-	-
Sacramento	5,040	554	4,486	291	-	291	231	8	223
CITY ROADWAYS	5,203	639	4,564	309	-	309	243	12	231
Uninc. State Highways	848	569	279	1	1	-	48	18	30
County Roadways	5,853	4,036	1,817	438	19	419	379	118	261
UNINC. ROADWAYS	6,701	4,605	2,096	439	20	419	427	136	291
COUNTY TOTAL	11,904	5,244	6,660	748	20	728	670	148	522
SAN BENITO									
Hollister	153	50	103	14	-	14	12	2	10
San Juan Bautista	2	-	2	-	-	-	-	-	-
CITY ROADWAYS	155	50	105	14	-	14	12	2	10
Uninc. State Highways	123	67	56	1	-	1	7	4	3
County Roadways	108	51	57	2	-	2	4	1	3
UNINC. ROADWAYS	231	118	113	3	-	3	11	5	6
COUNTY TOTAL	386	168	218	17	-	17	23	7	16

^{1/} See Glossary for definition.

* Safety equipment not stated is included in not used.

TABLE 8N (Cont'd) PERSONS KILLED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT
USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS KILLED								
	Vehicle Occupant ^{1/}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
SAN BERNARDINO									
Adelanto	2	-	2	-	-	-	-	-	-
Apple Valley	6	-	6	-	-	-	-	-	-
Barstow	5	2	3	-	-	-	2	1	1
Big Bear Lake	-	-	-	-	-	-	-	-	-
Chino	9	3	6	1	-	1	-	-	-
Colton	8	-	8	-	-	-	-	-	-
Fontana	6	-	6	-	-	-	2	-	2
Grand Terrace	-	-	-	-	-	-	-	-	-
Hesperia	12	2	10	-	-	-	2	-	2
Highland	-	-	-	-	-	-	-	-	-
Loma Linda	4	1	3	-	-	-	-	-	-
Montclair	2	-	2	-	-	-	-	-	-
Needles	2	-	2	-	-	-	-	-	-
Ontario	17	5	12	1	-	1	5	-	5
Rancho Cucamonga	6	2	4	1	-	1	3	2	1
Redlands	8	2	6	1	-	1	2	-	2
Rialto	5	1	4	-	-	-	-	-	-
San Bernardino	10	2	8	-	-	-	4	1	3
Twentynine Palms	1	-	1	-	-	-	1	-	1
Upland	4	1	3	-	-	-	-	-	-
Victorville	12	3	9	-	-	-	2	-	2
Yucaipa(11/89)	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	119	24	95	4	-	4	23	4	19
Uninc. State Highways	151	30	121	-	-	-	6	3	3
County Roadways	40	11	29	4	-	4	11	6	5
UNINC. ROADWAYS	191	41	150	4	-	4	17	9	8
COUNTY TOTAL	310	65	245	8	-	8	40	13	27
SAN DIEGO									
Carlsbad	3	-	3	-	-	-	-	-	-
Chula Vista	2	2	-	-	-	-	5	1	4
Coronado	-	-	-	-	-	-	1	-	1
Del Mar	-	-	-	-	-	-	-	-	-
El Cajon	7	2	5	-	-	-	1	-	1
Encinitas	2	1	1	-	-	-	-	-	-
Escondido	7	4	3	-	-	-	1	-	1
Imperial Beach	-	-	-	-	-	-	-	-	-
La Mesa	2	-	2	-	-	-	-	-	-
Lemon Grove	-	-	-	-	-	-	-	-	-
National City	11	3	8	-	-	-	-	-	-
Oceanside	8	1	7	-	-	-	5	1	4
Poway	2	-	2	1	-	1	1	-	1
San Diego	81	7	74	7	-	7	19	2	17
San Marcos	4	1	3	-	-	-	1	-	1
Santee	1	1	-	-	-	-	1	-	1
Solana Beach	2	1	1	-	-	-	-	-	-
Vista	2	-	2	1	-	1	1	-	1
CITY ROADWAYS	134	23	111	9	-	9	36	4	32
Uninc. State Highways	47	12	35	1	-	1	4	1	3
County Roadways	37	10	27	1	-	1	9	-	9
UNINC. ROADWAYS	84	22	62	2	-	2	13	1	12
COUNTY TOTAL	218	45	173	11	-	11	49	5	44
SAN FRANCISCO									
San Francisco	19	3	16	1	1	-	6	-	6

^{1/} See Glossary for definition.

* Safety equipment not stated is included in not used.

TABLE 8N (Cont'd) PERSONS INJURED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS INJURED								
	Vehicle Occupant ^{1/}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
SAN BERNARDINO									
Adelanto	44	17	27	2	-	2	4	1	3
Apple Valley	347	178	169	11	-	11	26	9	17
Barstow	156	52	104	6	-	6	14	3	11
Big Bear Lake	86	41	45	6	1	5	12	5	7
Chino	658	404	254	33	-	33	34	11	23
Colton	360	210	150	16	1	15	35	8	27
Fontana	734	312	422	33	1	32	69	8	61
Grand Terrace	42	19	23	-	-	-	3	2	1
Hesperia	523	303	220	11	-	11	32	8	24
Highland	180	50	130	8	-	8	28	5	23
Loma Linda	123	73	50	4	-	4	11	3	8
Montclair	466	111	355	31	-	31	34	5	29
Needles	57	26	31	1	-	1	1	-	1
Ontario	1,346	837	509	69	2	67	75	15	60
Rancho Cucamonga	494	248	246	20	1	19	43	9	34
Redlands	603	218	385	39	-	39	42	3	39
Rialto	599	362	237	22	-	22	48	7	41
San Bernardino	2,412	1,441	971	87	3	84	177	41	136
Twentynine Palms	101	51	50	5	2	3	16	6	10
Upland	642	436	206	29	1	28	46	14	32
Victorville	267	86	181	9	-	9	26	6	20
Yucaipa(11/89)	29	22	7	1	-	1	3	1	2
CITY ROADWAYS	10,269	5,497	4,772	443	12	431	779	170	609
Uninc. State Highways	2,805	1,688	1,117	23	6	17	126	60	66
County Roadways	2,322	1,243	1,079	75	6	69	259	79	180
UNINC. ROADWAYS	5,127	2,931	2,196	98	12	86	385	139	246
COUNTY TOTAL	15,396	8,428	6,968	541	24	517	1,164	309	855
SAN DIEGO									
Carlsbad	410	247	163	41	6	35	31	13	18
Chula Vista	1,309	854	455	64	6	58	85	28	57
Coronado	111	72	39	24	3	21	15	10	5
Del Mar	15	7	8	3	1	2	-	-	-
El Cajon	1,316	884	432	98	2	96	107	32	75
Encinitas	184	113	71	16	3	13	16	5	11
Escondido	1,405	902	503	101	5	96	87	28	59
Imperial Beach	40	17	23	4	-	4	4	1	3
La Mesa	670	478	192	36	8	28	60	29	31
Lemon Grove	82	43	39	5	-	5	13	5	8
National City	883	548	335	39	3	36	43	17	26
Oceanside	1,240	771	469	56	3	53	101	31	70
Poway	104	60	44	20	-	20	16	6	10
San Diego	11,241	1,945	9,296	801	1	800	867	73	794
San Marcos	267	161	106	10	-	10	25	7	18
Santee	207	84	123	27	-	27	18	5	13
Solana Beach	33	25	8	2	1	1	4	3	1
Vista	284	153	131	20	1	19	22	4	18
CITY ROADWAYS	19,801	7,364	12,437	1,367	43	1,324	1,514	297	1,217
Uninc. State Highways	1,434	899	535	16	2	14	60	38	22
County Roadways	2,096	1,209	887	118	15	103	194	84	110
UNINC. ROADWAYS	3,530	2,108	1,422	134	17	117	254	122	132
COUNTY TOTAL	23,331	9,472	13,859	1,501	60	1,441	1,768	419	1,349
SAN FRANCISCO									
San Francisco	6,427	4,131	2,296	349	35	314	830	210	620

^{1/} See Glossary for definition.

* Safety equipment not stated is included in not used.

TABLE 8N (Cont'd) PERSONS KILLED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS KILLED								
	Vehicle Occupant ^{1/2}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
SAN FRANCISCO (cont'd)									
CITY ROADWAYS	19	3	16	1	1	-	6	-	6
Uninc. State Highways	-	-	-	-	-	-	-	-	-
County Roadways	-	-	-	-	-	-	-	-	-
UNINC. ROADWAYS	-	-	-	-	-	-	-	-	-
COUNTY TOTAL	19	3	16	1	1	-	6	-	6
SAN JOAQUIN									
Escalon	1	-	1	-	-	-	-	-	-
Lathrop(7/89)	1	-	1	-	-	-	-	-	-
Lodi	-	-	-	-	-	-	-	-	-
Manteca	3	1	2	-	-	-	-	-	-
Ripon	-	-	-	-	-	-	-	-	-
Stockton	12	1	11	1	-	1	4	-	4
Tracy	3	-	3	-	-	-	-	-	-
CITY ROADWAYS	20	2	18	1	-	1	4	-	4
Uninc. State Highways	54	9	45	-	-	-	1	1	-
County Roadways	41	8	33	-	-	-	6	-	6
UNINC. ROADWAYS	95	17	78	-	-	-	7	1	6
COUNTY TOTAL	115	19	96	1	-	1	11	1	10
SAN LUIS OBISPO									
Arroyo Grande	-	-	-	-	-	-	1	-	1
Atascadero	2	1	1	-	-	-	-	-	-
Grover City	-	-	-	-	-	-	-	-	-
Morro Bay	1	-	1	-	-	-	-	-	-
Paso Robles	1	-	1	-	-	-	-	-	-
Pismo Beach	-	-	-	-	-	-	2	-	2
San Luis Obispo	1	-	1	-	-	-	-	-	-
CITY ROADWAYS	5	1	4	-	-	-	3	-	3
Uninc. State Highways	23	8	15	-	-	-	2	2	-
County Roadways	4	2	2	1	-	1	1	1	-
UNINC. ROADWAYS	27	10	17	1	-	1	3	3	-
COUNTY TOTAL	32	11	21	1	-	1	6	3	3
SAN MATEO									
Atherton	-	-	-	-	-	-	-	-	-
Belmont	-	-	-	-	-	-	-	-	-
Brisbane	3	-	3	-	-	-	-	-	-
Broadmoor	-	-	-	-	-	-	-	-	-
Burlingame	1	-	1	-	-	-	1	-	1
Colma	-	-	-	-	-	-	-	-	-
Daly City	1	-	1	-	-	-	-	-	-
East Palo Alto	2	-	2	-	-	-	-	-	-
Foster City	-	-	-	-	-	-	-	-	-
Half Moon Bay	-	-	-	-	-	-	-	-	-
Hillsborough	1	-	1	-	-	-	-	-	-
Menlo Park	2	1	1	1	1	-	1	-	1
Millbrae	1	-	1	-	-	-	-	-	-
Pacifica	2	-	2	-	-	-	-	-	-
Portola Valley	-	-	-	-	-	-	-	-	-
Redwood City	2	-	2	-	-	-	-	-	-

^{1/2} See Glossary for definition.

* Safety equipment not stated is included in not used.

TABLE 8N (Cont'd) PERSONS INJURED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS INJURED								
	Vehicle Occupant ^{1/}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
SAN FRANCISCO (cont'd)									
CITY ROADWAYS	6,427	4,131	2,296	349	35	314	830	210	620
Uninc. State Highways	-	-	-	-	-	-	-	-	-
County Roadways	-	-	-	-	-	-	-	-	-
UNINC. ROADWAYS	-	-	-	-	-	-	-	-	-
COUNTY TOTAL	6,427	4,131	2,296	349	35	314	830	210	620
SAN JOAQUIN									
Escalon	13	6	7	2	-	2	-	-	-
Lathrop(7/89)	31	20	11	1	-	1	1	1	-
Lodi	371	6	365	54	-	54	26	-	26
Manteca	279	174	105	39	-	39	16	1	15
Ripon	18	12	6	2	-	2	2	2	-
Stockton	2,245	1,281	964	118	3	115	120	22	98
Tracy	174	67	107	26	-	26	21	3	18
CITY ROADWAYS	3,131	1,566	1,565	242	3	239	186	29	157
Uninc. State Highways	1,168	709	459	3	-	3	30	7	23
County Roadways	1,297	661	636	41	3	38	82	9	73
UNINC. ROADWAYS	2,465	1,370	1,095	44	3	41	112	16	96
COUNTY TOTAL	5,596	2,936	2,660	286	6	280	298	45	253
SAN LUIS OBISPO									
Arroyo Grande	63	33	30	8	-	8	9	3	6
Atascadero	123	73	50	11	1	10	10	1	9
Grover City	58	33	25	8	-	8	4	-	4
Morro Bay	34	12	22	12	-	12	2	1	1
Paso Robles	121	61	60	5	-	5	15	2	13
Pismo Beach	54	36	18	8	-	8	1	1	-
San Luis Obispo	292	179	113	70	8	62	43	9	34
CITY ROADWAYS	745	427	318	122	9	113	84	17	67
Uninc. State Highways	542	351	191	7	3	4	24	12	12
County Roadways	462	266	196	24	5	19	49	22	27
UNINC. ROADWAYS	1,004	617	387	31	8	23	73	34	39
COUNTY TOTAL	1,749	1,044	705	153	17	136	157	51	106
SAN MATEO									
Atherton	48	28	20	6	2	4	2	-	2
Belmont	96	63	33	6	1	5	12	2	10
Brisbane	71	52	19	1	1	-	-	-	-
Broadmoor	11	2	9	1	-	1	4	-	4
Burlingame	261	180	81	7	2	5	11	3	8
Colma	32	13	19	-	-	-	-	-	-
Daly City	260	152	108	2	-	2	12	4	8
East Palo Alto	100	44	56	7	-	7	5	2	3
Foster City	183	136	47	13	-	13	1	1	-
Half Moon Bay	80	53	27	10	1	9	8	2	6
Hillsborough	27	13	14	1	-	1	2	-	2
Menlo Park	193	109	84	16	-	16	4	1	3
Millbrae	99	56	43	4	-	4	5	3	2
Pacifica	161	106	55	10	-	10	12	4	8
Portola Valley	6	6	-	8	4	4	-	-	-
Redwood City	580	278	302	53	-	53	28	-	28

^{1/} See Glossary for definition.

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TABLE 8N (Cont'd) PERSONS KILLED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS KILLED								
	Vehicle Occupant ^{1/}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
SAN MATEO (cont'd)									
San Bruno	1	-	1	-	-	-	1	-	1
San Carlos	2	-	2	-	-	-	-	-	-
San Mateo	6	1	5	-	-	-	1	-	1
South San Francisco	2	-	2	-	-	-	2	-	2
Woodside	-	-	-	1	1	-	-	-	-
CITY ROADWAYS	26	2	24	2	2	-	6	-	6
Uninc. State Highways	8	1	7	-	-	-	2	1	1
County Roadways	-	-	-	-	-	-	-	-	-
UNINC. ROADWAYS	8	1	7	-	-	-	2	1	1
COUNTY TOTAL	34	3	31	2	2	-	8	1	7
SANTA BARBARA									
Carpenteria	-	-	-	-	-	-	-	-	-
Guadalupe	-	-	-	-	-	-	-	-	-
Lompoc	1	1	-	-	-	-	-	-	-
Santa Barbara	2	-	2	1	-	1	2	-	2
Santa Maria	1	1	-	-	-	-	-	-	-
Solvang	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	4	2	2	1	-	1	2	-	2
Uninc. State Highways	30	11	19	1	1	-	2	1	1
County Roadways	10	2	8	-	-	-	-	-	-
UNINC. ROADWAYS	40	13	27	1	1	-	2	1	1
COUNTY TOTAL	44	15	29	2	1	1	4	1	3
SANTA CLARA									
Campbell	1	1	-	-	-	-	-	-	-
Cupertino	1	-	1	1	-	1	2	-	2
Gilroy	-	-	-	-	-	-	-	-	-
Los Altos	1	-	1	-	-	-	-	-	-
Los Altos Hills	-	-	-	-	-	-	-	-	-
Los Gatos	2	-	2	-	-	-	-	-	-
Milpitas	2	2	-	-	-	-	-	-	-
Monte Sereno	-	-	-	-	-	-	-	-	-
Morgan Hill	1	-	1	1	-	1	1	-	1
Mountain View	1	-	1	-	-	-	1	-	1
Palo Alto	1	-	1	-	-	-	-	-	-
San Jose	36	1	35	1	-	1	13	-	13
Santa Clara	9	4	5	-	-	-	2	-	2
Saratoga	1	1	-	-	-	-	-	-	-
Sunnyvale	3	-	3	-	-	-	-	-	-
CITY ROADWAYS	59	9	50	3	-	3	19	-	19
Uninc. State Highways	21	6	15	-	-	-	-	-	-
County Roadways	2	-	2	1	-	1	3	-	3
UNINC. ROADWAYS	23	6	17	1	-	1	3	-	3
COUNTY TOTAL	82	15	67	4	-	4	22	-	22
SANTA CRUZ									
Capitola	2	1	1	-	-	-	-	-	-
Santa Cruz	-	-	-	-	-	-	1	-	1
Scotts Valley	-	-	-	-	-	-	-	-	-
Watsonville	2	1	1	-	-	-	-	-	-

^{1/} See Glossary for definition.

* Safety equipment not stated is included in not used.

TABLE 8N (Cont'd) PERSONS INJURED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS INJURED								
	Vehicle Occupant ^{1/}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
SAN MATEO (cont'd)									
San Bruno	264	178	86	8	-	8	12	2	10
San Carlos	175	110	65	19	-	19	6	-	6
San Mateo	736	496	240	50	6	44	38	13	25
South San Francisco	467	338	129	9	-	9	29	9	20
Woodside	26	16	10	8	3	5	8	7	1
CITY ROADWAYS	3,876	2,429	1,447	239	20	219	199	53	146
Uninc. State Highways	396	276	120	6	2	4	37	20	17
County Roadways	165	98	67	44	16	28	15	4	11
UNINC. ROADWAYS	561	374	187	50	18	32	52	24	28
COUNTY TOTAL	4,437	2,803	1,634	289	38	251	251	77	174
SANTA BARBARA									
Carpenteria	40	11	29	8	-	8	9	2	7
Guadalupe	6	-	6	-	-	-	-	-	-
Lompoc	47	31	16	5	-	5	3	-	3
Santa Barbara	771	467	304	150	9	141	126	23	103
Santa Maria	525	312	213	46	1	45	28	1	27
Solvang	18	11	7	1	1	-	2	2	-
CITY ROADWAYS	1,407	832	575	210	11	199	168	28	140
Uninc. State Highways	657	442	215	15	7	8	32	11	21
County Roadways	581	349	232	110	18	92	83	23	60
UNINC. ROADWAYS	1,238	791	447	125	25	100	115	34	81
COUNTY TOTAL	2,645	1,623	1,022	335	36	299	283	62	221
SANTA CLARA									
Campbell	432	306	126	23	-	23	32	11	21
Cupertino	337	227	110	37	7	30	15	5	10
Gilroy	131	40	91	31	-	31	14	2	12
Los Altos	112	84	28	29	6	23	10	3	7
Los Altos Hills	27	15	12	5	-	5	2	1	1
Los Gatos	188	119	69	32	4	28	8	2	6
Milpitas	523	323	200	27	3	24	33	10	23
Monte Sereno	6	4	2	-	-	-	1	-	1
Morgan Hill	108	51	57	7	-	7	9	3	6
Mountain View	593	439	154	71	7	64	53	30	23
Palo Alto	418	293	125	75	15	60	31	11	20
San Jose	7,383	1,139	6,244	398	1	397	402	19	383
Santa Clara	877	578	299	56	2	54	56	14	42
Saratoga	137	86	51	26	4	22	9	4	5
Sunnyvale	922	650	272	72	3	69	56	17	39
CITY ROADWAYS	12,194	4,354	7,840	889	52	837	731	132	599
Uninc. State Highways	516	355	161	3	3	-	47	27	20
County Roadways	440	257	183	31	13	18	40	15	25
UNINC. ROADWAYS	956	612	344	34	16	18	87	42	45
COUNTY TOTAL	13,150	4,966	8,184	923	68	855	818	174	644
SANTA CRUZ									
Capitola	124	83	41	24	2	22	9	2	7
Santa Cruz	415	281	134	88	6	82	65	26	39
Scotts Valley	45	34	11	2	-	2	-	-	-
Watsonville	204	137	67	34	-	34	11	5	6

^{1/} See Glossary for definition.

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TABLE 8N (Cont'd) PERSONS KILLED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS KILLED								
	Vehicle Occupant ^{1/2}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
SANTA CRUZ (cont'd)									
CITY ROADWAYS	4	2	2	-	-	-	1	-	1
Uninc. State Highways	7	2	5	-	-	-	-	-	-
County Roadways	7	4	3	-	-	-	3	2	1
UNINC. ROADWAYS	14	6	8	-	-	-	3	2	1
COUNTY TOTAL	18	8	10	-	-	-	4	2	2
SHASTA									
Anderson	-	-	-	-	-	-	-	-	-
Redding	4	-	4	-	-	-	3	1	2
CITY ROADWAYS	4	-	4	-	-	-	3	1	2
Uninc. State Highways	23	4	19	1	-	1	2	-	2
County Roadways	17	3	14	1	-	1	1	-	1
UNINC. ROADWAYS	40	7	33	2	-	2	3	-	3
COUNTY TOTAL	44	7	37	2	-	2	6	1	5
SIERRA									
Loyalton	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	-	-	-	-	-	-	-	-	-
Uninc. State Highways	-	-	-	-	-	-	-	-	-
County Roadways	1	-	1	-	-	-	-	-	-
UNINC. ROADWAYS	1	-	1	-	-	-	-	-	-
COUNTY TOTAL	1	-	1	-	-	-	-	-	-
SISKIYOU									
Dorris	-	-	-	-	-	-	-	-	-
Dunsmuir	-	-	-	-	-	-	-	-	-
Etna	-	-	-	-	-	-	-	-	-
Fort Jones	-	-	-	-	-	-	-	-	-
Lake Shasta	-	-	-	-	-	-	-	-	-
Montague	-	-	-	-	-	-	-	-	-
Mount Shasta	-	-	-	-	-	-	-	-	-
Tulelake	-	-	-	-	-	-	-	-	-
Weed	-	-	-	-	-	-	-	-	-
Yreka	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	-	-	-	-	-	-	-	-	-
Uninc. State Highways	13	5	8	-	-	-	2	-	2
County Roadways	2	-	2	-	-	-	1	1	-
UNINC. ROADWAYS	15	5	10	-	-	-	3	1	2
COUNTY TOTAL	15	5	10	-	-	-	3	1	2
SOLANO									
Benicia	2	1	1	-	-	-	-	-	-
Dixon	-	-	-	-	-	-	1	-	1
Fairfield	3	-	3	-	-	-	-	-	-
Rio Vista	-	-	-	-	-	-	-	-	-
Suisun City	1	1	-	-	-	-	-	-	-

^{1/2} See Glossary for definition.

* Safety equipment not stated is included in not used.

TABLE 8N (Cont'd) PERSONS INJURED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS INJURED								
	Vehicle Occupant ^{1./}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
SANTA CRUZ (cont'd)									
CITY ROADWAYS	788	535	253	148	8	140	85	33	52
Uninc. State Highways	630	439	191	6	3	3	59	26	33
County Roadways	732	488	244	78	11	67	78	31	47
UNINC. ROADWAYS	1,362	927	435	84	14	70	137	57	80
COUNTY TOTAL	2,150	1,462	688	232	22	210	222	90	132
SHASTA									
Anderson	69	38	31	3	-	3	8	2	6
Redding	694	434	260	55	4	51	31	5	26
CITY ROADWAYS	763	472	291	58	4	54	39	7	32
Uninc. State Highways	417	236	181	3	-	3	12	4	8
County Roadways	395	181	214	18	1	17	32	8	24
UNINC. ROADWAYS	812	417	395	21	1	20	44	12	32
COUNTY TOTAL	1,575	889	686	79	5	74	83	19	64
SIERRA									
Loyalton	1	-	1	1	-	1	-	-	-
CITY ROADWAYS	1	-	1	1	-	1	-	-	-
Uninc. State Highways	38	19	19	-	-	-	7	2	5
County Roadways	7	3	4	-	-	-	-	-	-
UNINC. ROADWAYS	45	22	23	-	-	-	7	2	5
COUNTY TOTAL	46	22	24	1	-	1	7	2	5
SISKIYOU									
Dorris	-	-	-	-	-	-	-	-	-
Dunsmuir	10	6	4	-	-	-	-	-	-
Etna	2	2	-	-	-	-	-	-	-
Fort Jones	-	-	-	-	-	-	-	-	-
Lake Shasta	-	-	-	-	-	-	-	-	-
Montague	-	-	-	-	-	-	-	-	-
Mount Shasta	9	5	4	2	-	2	-	-	-
Tulelake	-	-	-	-	-	-	-	-	-
Weed	12	5	7	-	-	-	-	-	-
Yreka	34	3	31	6	-	6	-	-	-
CITY ROADWAYS	67	21	46	8	-	8	-	-	-
Uninc. State Highways	235	119	116	1	1	-	1	-	1
County Roadways	150	40	110	1	-	1	8	1	7
UNINC. ROADWAYS	385	159	226	2	1	1	9	1	8
COUNTY TOTAL	452	180	272	10	1	9	9	1	8
SOLANO									
Benicia	134	81	53	18	1	17	9	2	7
Dixon	40	21	19	13	-	13	2	-	2
Fairfield	780	439	341	42	1	41	54	9	45
Rio Vista	2	2	-	-	-	-	-	-	-
Suisun City	156	108	48	11	-	11	8	4	4

^{1./} See Glossary for definition.

* Safety equipment not stated is included in not used.

TABLE 8N (Cont'd) PERSONS KILLED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS KILLED								
	Vehicle Occupant ^{1/}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
SOLANO (cont'd)									
Vacaville	6	2	4	-	-	-	-	-	-
Vallejo	4	1	3	-	-	-	2	-	2
CITY ROADWAYS	16	5	11	-	-	-	3	-	3
Uninc. State Highways	9	3	6	-	-	-	-	-	-
County Roadways	5	1	4	-	-	-	-	-	-
UNINC. ROADWAYS	14	4	10	-	-	-	-	-	-
COUNTY TOTAL	30	9	21	-	-	-	3	-	3
SONOMA									
Cloverdale	-	-	-	-	-	-	-	-	-
Cotati	-	-	-	-	-	-	-	-	-
Healdsburg	-	-	-	-	-	-	-	-	-
Petaluma	1	-	1	-	-	-	1	1	-
Rohnert Park	-	-	-	-	-	-	-	-	-
Santa Rosa	9	2	7	-	-	-	3	-	3
Sebastopol	-	-	-	-	-	-	-	-	-
Sonoma	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	10	2	8	-	-	-	4	1	3
Uninc. State Highways	28	6	22	-	-	-	3	1	2
County Roadways	24	10	14	1	-	1	1	-	1
UNINC. ROADWAYS	52	16	36	1	-	1	4	1	3
COUNTY TOTAL	62	18	44	1	-	1	8	2	6
STANISLAUS									
Ceres	3	1	2	-	-	-	-	-	-
Hughson	-	-	-	-	-	-	-	-	-
Modesto	8	1	7	-	-	-	-	-	-
Newman	-	-	-	-	-	-	-	-	-
Oakdale	2	-	2	-	-	-	-	-	-
Patterson	-	-	-	-	-	-	-	-	-
Riverbank	-	-	-	-	-	-	-	-	-
Turlock	2	-	2	1	-	1	1	1	-
Waterford	2	-	2	-	-	-	-	-	-
CITY ROADWAYS	17	2	15	1	-	1	1	1	-
Uninc. State Highways	23	5	18	-	-	-	2	2	-
County Roadways	23	6	17	-	-	-	6	1	5
UNINC. ROADWAYS	46	11	35	-	-	-	8	3	5
COUNTY TOTAL	63	13	50	1	-	1	9	4	5
SUTTER									
Live Oak	-	-	-	-	-	-	-	-	-
Yuba City	-	-	-	1	-	1	1	-	1
CITY ROADWAYS	-	-	-	1	-	1	1	-	1
Uninc. State Highways	17	7	10	-	-	-	-	-	-
County Roadways	3	-	3	-	-	-	1	-	1
UNINC. ROADWAYS	20	7	13	-	-	-	1	-	1

^{1/} See Glossary for definition.

* Safety equipment not stated is included in not used.

TABLE 8N (Cont'd) PERSONS INJURED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS INJURED								
	Vehicle Occupant ^{1/2}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
SOLANO (cont'd)									
Vacaville	376	219	157	37	1	36	30	6	24
Vallejo	1,061	608	453	61	2	59	65	13	52
CITY ROADWAYS	2,549	1,478	1,071	182	5	177	168	34	134
Uninc. State Highways	349	236	113	-	-	-	13	6	7
County Roadways	225	96	129	7	1	6	21	5	16
UNINC. ROADWAYS	574	332	242	7	1	6	34	11	23
COUNTY TOTAL	3,123	1,810	1,313	189	6	183	202	45	157
SONOMA									
Cloverdale	17	12	5	3	-	3	-	-	-
Cotati	70	52	18	5	-	5	5	2	3
Healdsburg	62	42	20	11	2	9	8	4	4
Petaluma	228	127	101	38	-	38	21	4	17
Rohnert Park	121	82	39	21	-	21	7	2	5
Santa Rosa	648	444	204	43	3	40	50	13	37
Sebastopol	83	67	16	9	1	8	3	-	3
Sonoma	45	28	17	9	-	9	1	1	-
CITY ROADWAYS	1,274	854	420	139	6	133	95	26	69
Uninc. State Highways	895	656	239	14	1	13	33	13	20
County Roadways	1,396	799	597	39	8	31	93	34	59
UNINC. ROADWAYS	2,291	1,455	836	53	9	44	126	47	79
COUNTY TOTAL	3,565	2,309	1,256	192	15	177	221	73	148
STANISLAUS									
Ceres	224	135	89	19	1	18	7	2	5
Hughson	7	2	5	2	-	2	-	-	-
Modesto	1,423	848	575	103	2	101	95	18	77
Newman	5	-	5	1	-	1	-	-	-
Oakdale	140	66	74	13	-	13	9	1	8
Patterson	13	9	4	3	-	3	-	-	-
Riverbank	52	28	24	3	-	3	2	-	2
Turlock	335	197	138	29	-	29	16	2	14
Waterford	11	3	8	1	-	1	3	-	3
CITY ROADWAYS	2,210	1,288	922	174	3	171	132	23	109
Uninc. State Highways	561	359	202	2	-	2	20	7	13
County Roadways	1,151	608	543	34	2	32	83	22	61
UNINC. ROADWAYS	1,712	967	745	36	2	34	103	29	74
COUNTY TOTAL	3,922	2,255	1,667	210	5	205	235	52	183
SUTTER									
Live Oak	15	2	13	-	-	-	-	-	-
Yuba City	301	185	116	23	-	23	14	3	11
CITY ROADWAYS	316	187	129	23	-	23	14	3	11
Uninc. State Highways	209	134	75	1	-	1	1	1	-
County Roadways	215	73	142	3	-	3	13	3	10
UNINC. ROADWAYS	424	207	217	4	-	4	14	4	10

^{1/2} See Glossary for definition.

* Safety equipment not stated is included in not used.

TABLE 8N (Cont'd) PERSONS KILLED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS KILLED								
	Vehicle Occupant ^{1/2}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
SUTTER (cont'd)									
COUNTY TOTAL	20	7	13	1	-	1	2	-	2
TEHAMA									
Corning	-	-	-	-	-	-	-	-	-
Red Bluff	3	1	2	-	-	-	-	-	-
Tehama	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	3	1	2	-	-	-	-	-	-
Uninc. State Highways	7	-	7	-	-	-	-	-	-
County Roadways	4	-	4	-	-	-	3	1	2
UNINC. ROADWAYS	11	-	11	-	-	-	3	1	2
COUNTY TOTAL	14	1	13	-	-	-	3	1	2
TRINITY									
CITY ROADWAYS	-	-	-	-	-	-	-	-	-
Uninc. State Highways	4	1	3	-	-	-	2	1	1
County Roadways	-	-	-	-	-	-	-	-	-
UNINC. ROADWAYS	4	1	3	-	-	-	2	1	1
COUNTY TOTAL	4	1	3	-	-	-	2	1	1
TULARE									
Dinuba	-	-	-	-	-	-	-	-	-
Exeter	-	-	-	-	-	-	-	-	-
Farmersville	1	-	1	-	-	-	1	-	1
Lindsay	-	-	-	-	-	-	-	-	-
Porterville	2	-	2	-	-	-	-	-	-
Tulare	3	-	3	-	-	-	-	-	-
Visalia	8	1	7	-	-	-	2	-	2
Woodlake	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	14	1	13	-	-	-	3	-	3
Uninc. State Highways	33	8	25	-	-	-	2	-	2
County Roadways	67	8	59	-	-	-	17	2	9
UNINC. ROADWAYS	100	16	84	-	-	-	13	2	11
COUNTY TOTAL	114	17	97	-	-	-	16	2	14
TUOLUMNE									
Sonora	-	-	-	-	-	-	1	-	1
CITY ROADWAYS	-	-	-	-	-	-	1	-	1
Uninc. State Highways	5	-	5	-	-	-	1	-	1
County Roadways	2	1	1	-	-	-	1	1	-
UNINC. ROADWAYS	7	1	6	-	-	-	2	1	1
COUNTY TOTAL	7	1	6	-	-	-	3	1	2
VENTURA									
Camarillo	1	1	-	1	-	1	1	1	-
Fillmore	2	2	-	-	-	-	-	-	-

^{1/2} See Glossary for definition.

* Safety equipment not stated is included in not used.

TABLE 8N (Cont'd) PERSONS INJURED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS INJURED								
	Vehicle Occupant ^{1/2}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
SUTTER (cont'd)									
COUNTY TOTAL	740	394	346	27	-	27	28	7	21
TEHAMA									
Corning	35	11	24	3	-	3	4	2	2
Red Bluff	115	41	74	10	-	10	5	2	3
Tehama	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	150	52	98	13	-	13	9	4	5
Uninc. State Highways	208	128	80	2	-	2	9	6	3
County Roadways	187	85	102	4	-	4	15	4	11
UNINC. ROADWAYS	395	213	182	6	-	6	24	10	14
COUNTY TOTAL	545	265	280	19	-	19	33	14	19
TRINITY									
CITY ROADWAYS	-	-	-	-	-	-	-	-	-
Uninc. State Highways	98	57	41	3	-	3	9	4	5
County Roadways	47	21	26	-	-	-	5	1	4
UNINC. ROADWAYS	145	78	67	3	-	3	14	5	9
COUNTY TOTAL	145	78	67	3	-	3	14	5	9
TULARE									
Dinuba	67	16	51	1	-	1	2	-	2
Exeter	33	6	27	1	-	1	2	1	1
Farmersville	14	10	4	5	-	5	3	-	3
Lindsay	24	9	15	4	-	4	-	-	-
Porterville	304	58	246	20	-	20	16	-	16
Tulare	170	48	122	6	-	6	20	4	16
Visalia	835	414	421	56	1	55	38	4	34
Woodlake	12	4	8	1	-	1	-	-	-
CITY ROADWAYS	1,459	565	894	94	1	93	81	9	72
Uninc. State Highways	689	361	328	4	-	4	19	8	11
County Roadways	1,209	521	688	39	3	36	71	15	56
UNINC. ROADWAYS	1,898	882	1,016	43	3	40	90	23	67
COUNTY TOTAL	3,357	1,447	1,910	137	4	133	171	32	139
TUOLUMNE									
Sonora	43	28	15	2	-	2	5	-	5
CITY ROADWAYS	43	28	15	2	-	2	5	-	5
Uninc. State Highways	261	162	99	-	-	-	16	4	12
County Roadways	260	123	137	12	1	11	27	12	15
UNINC. ROADWAYS	521	285	236	12	1	11	43	16	27
COUNTY TOTAL	564	313	251	14	1	13	48	16	32
VENTURA									
Camarillo	363	237	126	28	1	27	26	8	12
Fillmore	65	24	41	7	-	7	2	-	2

^{1/2} See Glossary for definition.

* Safety equipment not stated is included in not used.

TABLE 8N (Cont'd) PERSONS KILLED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT
USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS KILLED								
	Vehicle Occupant ^{1/}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
VENTURA (cont'd)									
Moorpark	1	-	1	-	-	-	-	-	-
Ojai	1	-	1	-	-	-	-	-	-
Oxnard	6	-	6	1	-	1	2	-	2
Port Hueneme	1	-	1	-	-	-	-	-	-
Santa Paula	2	-	2	-	-	-	-	-	-
Simi Valley	7	3	4	1	-	1	4	-	4
Thousand Oaks	7	2	5	-	-	-	2	-	2
Ventura	12	2	10	1	-	1	-	-	-
CITY ROADWAYS	40	10	30	4	-	4	9	1	8
Uninc. State Highways	23	7	16	-	-	-	2	1	1
County Roadways	8	-	8	-	-	-	2	1	1
UNINC. ROADWAYS	31	7	24	-	-	-	4	2	2
COUNTY TOTAL	71	17	54	4	-	4	13	3	10
YOLO									
Davis	-	-	-	-	-	-	-	-	-
West Sacramento	1	-	1	-	-	-	-	-	-
Winters	-	-	-	-	-	-	-	-	-
Woodland	5	3	2	-	-	-	-	-	-
CITY ROADWAYS	6	3	3	-	-	-	-	-	-
Uninc. State Highways	5	1	4	-	-	-	1	-	1
County Roadways	8	5	3	-	-	-	1	-	1
UNINC. ROADWAYS	13	6	7	-	-	-	2	-	2
COUNTY TOTAL	19	9	10	-	-	-	2	-	2
YUBA									
Marysville	2	-	2	-	-	-	-	-	-
Wheatland	-	-	-	-	-	-	-	-	-
CITY ROADWAYS	2	-	2	-	-	-	-	-	-
Uninc. State Highways	10	2	8	-	-	-	-	-	-
County Roadways	5	1	4	-	-	-	2	-	2
UNINC. ROADWAYS	15	3	12	-	-	-	2	-	2
COUNTY TOTAL	17	3	14	-	-	-	2	-	2
TOTAL CITY ROADWAYS	1,417	237	1,180	75	4	71	372	47	325
TOTAL UNINC. STATE HIGHWAYS	1,252	280	972	12	1	11	86	39	47
TOTAL COUNTY ROADWAYS	830	185	645	30	-	30	162	38	124
TOTAL UNINC. ROADWAYS	2,082	465	1,617	42	1	41	248	77	171
STATEWIDE TOTAL	3,499	702	2,797	117	5	112	620	124	496

^{1/} See Glossary for definition.

* Safety equipment not stated is included in not used.

TABLE 8N (Cont'd) PERSONS INJURED INDICATING SEATBELT, HELMET, OR OTHER SAFETY EQUIPMENT USAGE BY CITY, COUNTY AND ROAD CLASSIFICATION - 1989

INCORPORATED CITIES AND TYPES OF ROADWAY BY COUNTY	VICTIMS INJURED								
	Vehicle Occupant ^{1/}			Bicyclist			Motorcyclist		
	Total	Used	Not Used*	Total	Used	Not Used*	Total	Used	Not Used*
VENTURA (cont'd)									
Moorpark	154	90	64	6	-	6	7	-	7
Ojai	53	37	16	12	-	12	6	2	4
Oxnard	1,486	951	535	128	3	125	91	19	72
Port Hueneme	78	41	37	11	-	11	6	2	4
Santa Paula	98	37	61	26	-	26	3	-	3
Simi Valley	581	375	206	58	2	56	52	21	31
Thousand Oaks	767	556	211	84	11	73	64	32	32
Ventura	803	516	287	95	3	92	75	23	52
CITY ROADWAYS	4,448	2,864	1,584	455	20	435	326	107	219
Uninc. State Highways	696	455	241	7	3	4	50	23	27
County Roadways	553	333	220	42	13	29	51	18	33
UNINC. ROADWAYS	1,249	788	461	49	16	33	101	41	60
COUNTY TOTAL	5,697	3,652	2,045	504	36	468	427	148	279
YOLO									
Davis	142	101	41	87	9	78	21	7	14
West Sacramento	202	117	85	19	1	18	20	2	18
Winters	15	11	4	2	-	2	3	-	3
Woodland	244	149	95	31	-	31	18	6	12
CITY ROADWAYS	603	378	225	139	10	129	62	15	47
Uninc. State Highways	299	192	107	-	-	-	13	3	10
County Roadways	257	155	102	4	-	4	6	1	5
UNINC. ROADWAYS	556	347	209	4	-	4	19	4	15
COUNTY TOTAL	1,159	725	434	143	10	133	81	19	62
YUBA									
Marysville	149	73	76	14	-	14	2	1	1
Wheatland	1	-	1	-	-	-	-	-	-
CITY ROADWAYS	150	73	77	14	-	14	2	1	1
Uninc. State Highways	120	65	55	1	-	1	4	2	2
County Roadways	281	129	152	17	-	17	24	4	20
UNINC. ROADWAYS	401	194	207	18	-	18	28	6	22
COUNTY TOTAL	551	267	284	32	-	32	30	7	23
TOTAL CITY ROADWAYS	224,727	95,954	128,773	14,139	553	13,586	14,686	2,866	11,820
TOTAL UNINC. STATE HIGHWAYS	32,479	20,558	11,921	242	75	167	1,514	693	821
TOTAL COUNTY ROADWAYS	43,662	25,113	18,549	2,224	235	1,989	3,327	1,005	2,322
TOTAL UNINC. ROADWAYS	76,141	45,671	30,470	2,466	310	2,156	4,841	1,698	3,143
STATEWIDE TOTAL	300,868	141,625	159,243	16,605	863	15,742	19,527	4,564	14,963

^{1/} See Glossary for definition.

* Safety equipment not stated is included in not used.

IN MEMORY

of the people who lost their lives and those who worked to save lives.

*Even though the loss of lives was not considered a result of a motor vehicle traffic accident, California mourns the loss of lives of the **62** people who died October 17, 1989 during THE LOMA PRIETA EARTHQUAKE.*



This vehicle was removed from the Nimitz (I 880) Freeway disaster in Oakland.

GLOSSARY AND INDEX

1989 Annual Report

GLOSSARY

Accident

For the purpose of this report the terms "accident" and "motor vehicle traffic accident" have the same definition. See "motor vehicle traffic accident."

Alcohol Involved Accident

Any motor vehicle traffic accident where a driver, pedestrian or bicyclist had been drinking.

At Fault

The involved party in a motor vehicle traffic accident considered by the Officer to be most at fault.

Bicycle Involved

A traffic accident involving at least one bicycle. Beginning in 1983, this definition includes solo bicycle accidents, as well as those involving a parked vehicle, pedestrian, or another bicycle.

Bicyclist

In this report the term bicyclist will be used to denote bicyclist victims or bicyclist parties. Bicyclist victims include the driver (rider) and/or passenger of any device propelled exclusively by human power through a belt, chain or gears and having two or more wheels. A bicyclist party involves a driver only of the vehicle described above.

City Roadways

Any roadway within the limits of an incorporated city. This includes surface streets patrolled by local law enforcement agencies and freeways patrolled by the California Highway Patrol.

Complaint of Pain

Injuries claimed but not evident (includes limping claimed to have been caused by the accident).

County Roadways

Any roadway in the unincorporated area of a county that is not an Interstate, U.S. or State Route.

Driver

For the purpose of this report the terms "driver" and "motor vehicle driver" have the same definition. See "motor vehicle driver."

DUI/PCF

Driving Under the Influence of alcohol and/or drugs (DUI) which in the Officer's opinion best describes the Primary Collision Factor (PCF) or main cause of the collision.

Fatal Accident

A motor vehicle traffic accident resulting in the death of one or more persons within thirty days of the accident.

Had Been Drinking

The description of the condition of a driver, pedestrian or bicyclist involved in an accident with regard to alcohol. The party can be described as "Had Been Drinking-under influence, Had Been Drinking-not under influence, or Had Been Drinking-impairment unknown."

HBD - Impairment Unknown

Had Been Drinking (HBD) but it is impossible to determine the extent of impairment. For example, the involved party was unconscious when removed from the accident scene, or was fatally injured in the accident.

HBD - Not Under Influence

The investigating Officer has determined that the involved party Had Been Drinking (HBD), but was not under the influence.

HBD - Under Influence

The investigating Officer has determined that the involved party Had Been Drinking (HBD) and was under the influence.

NOTE: In California presumptive evidence indicates that a party is under the influence when his/her blood alcohol level is .10 or greater. However, someone with a blood alcohol level less than .10 can also be determined under the influence by the Officer.

Hit-and-Run

The investigating Officer has determined that the facts and evidence indicate either a felony or misdemeanor hit-and-run violation was committed.

Incorporated

A community which has obtained a charter and established itself as a corporation. Usually referred to as a city and has its own police, fire, and other governmental agencies.

Injured

A person sustaining injuries as the result of a motor vehicle traffic accident. This would include victims with the extent of injury classified as either severe wound, other visible injuries, or complaint of pain. Victims killed are not included as injured.

Injury Accident

A motor vehicle traffic accident resulting in injury to one or more persons. Injury would include severe wound, other visible injuries, or complaint of pain. A fatal accident is not included in injury accident.

Killed

A person who dies as a result of a motor vehicle traffic accident within thirty days of the accident.

Licensed Motorcycle Drivers

Any person holding a valid California drivers license with a class 4 or M endorsement, or any person holding a valid California class 4 or M only drivers license. Class 4 or M includes any two-wheel motorcycle or any two-wheel motor-driven cycle. Mopeds do not require class 4 or M drivers licenses.

Moped

A motorized bicycle which is any two-wheeled or three-wheeled device having fully operative pedals for propulsion by human power, or having no pedals if powered solely by electrical energy, and an automatic transmission and a motor which produces less than two gross brake horse power and is capable of propelling the device at a maximum speed of not more than 30 miles per hour on level ground.

Motorcycle Involved

A motor vehicle traffic accident involving at least one motorcycle (includes accidents involving mopeds).

Motorcycle Registration

The number of two-wheel motorcycles and two-wheel motor-driven cycles registered with the California Department of Motor Vehicles.

To view specification requirements for these registered vehicles please see definitions (Mopeds, Motorcyclists) for clarification.

Motorcyclist

In this report the term motorcyclist will be used to denote motorcyclist victims or motorcyclist parties. Motorcyclist victims include the driver(rider) and/or passenger of any motor vehicle, other than a tractor, having a seat or saddle for the use of the rider and designed to travel on not more than three wheels in contact with the ground and weighing less than 1,500 lbs. , except that four wheels may be in contact with the ground when two of the wheels are a functional part of the sidecar. Motorcyclist victims also includes the rider or passenger of a moped. A motorcyclist party involves a driver only of the vehicle described above.

Motor Vehicle

A mechanically or electrically powered device, not operated on rails which or by which any person or property may be transported or drawn upon a roadway is a motor vehicle. This would include such vehicles as motorized skateboards or motorized bicycles (mopeds). Beginning in 1983 this definition also includes bicycles.

Motor Vehicle Registration

Number of automobiles, trucks or motorcycles registered with the California Department of Motor Vehicles. The figure used is fee paid motorized vehicles and does not include exempt vehicles or trailers.

Motor Vehicle Traffic Accident

An unintended event that causes death, injury or property damage involving a motor vehicle in transport (in motion or in readiness for motion) on a roadway (a way or place) any part of which is open to the use of the public for purposes of vehicular travel.

Other Visible Injuries

Injury other than fatal or severe which is evident to any person at the accident scene.

Party

A participant in a motor vehicle traffic accident. A party involved in an accident may be categorized as a driver, pedestrian, parked vehicle, bicyclist, or other.

Passenger

A passenger is any occupant of a vehicle other than its driver. Includes passengers on bicycles, mopeds, and motorcycles.

Pedestrian

Any person not in or upon a vehicle, bicycle, or animal. Includes a person in or operating a pedestrian conveyance, such as a baby carriage, coaster wagon, skateboard (nonmotorized), roller skates, skis, sled, non-motorized wheelchair, and a person in or upon a device moved by pedaling, except a bicycle.

Excludes a person boarding or alighting from a conveyance, except a pedestrian conveyance, and a person jumping or falling from a motor vehicle.

Pedestrian Involved

A motor vehicle traffic accident involving a motor vehicle and at least one pedestrian.

Primary Collision Factor

The one element or driving action which, in the Officer's opinion, best describes the primary or main cause of the collision.

Property Damage Only Accident

A non-injury motor vehicle traffic accident which results in property damage.

Roadway

A way or place of whatever nature, publicly maintained and open to the use of the public for purposes of vehicular travel.

Safety Equipment

Includes lap belt, shoulder harness, lap/shoulder harness, passive restraint and air bag for vehicle occupants. Also, it includes helmet for motorcyclist and bicyclist.

Severe Wound

Injury which prevents the injured party from walking, driving, or performing activities he/she was normally capable of before the accident.

Truck

A truck with 2 or more axles, or truck tractor, operated singly or with one or more trailers or semitrailers (excludes pickups, panel trucks, or vans).

Type of Collision

The category which best describes the general type of accident which was the first event. Head-on, sideswipe, rear end, and broadside are used only if two or more motor vehicles are involved in the first event.

Unincorporated

That portion of a county that is not incorporated, outside city limits.

Unincorporated Roadways

Those roadways outside city limits (excludes all incorporated city roadways; includes county roadways and unincorporated state highways).

Unincorporated State Highways

Those Interstates, U.S. or State Routes located outside incorporated city limits.

Vehicle

For the purpose of this report the terms "vehicle" and "motor vehicle" have the same definition. See "motor vehicle."

Vehicle Occupant

Includes a driver or a passenger in the following vehicle types: passenger car, station wagon, or jeep; passenger car, station wagon, or jeep with trailer(s); pickup or panel truck, and, pickup or panel truck with trailer(s).

Victim

Any person killed or injured as the result of a motor vehicle traffic accident.

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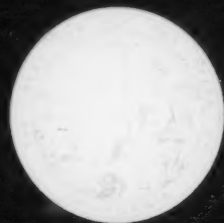
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